WILLIAMS SOUND ®

A Division of Williams AV

U.S. COMMERCIAL SOUND PRODUCTS | 2018 CATALOG

Hearing Loop Melbourne.

CALL 1300 658 986 if you need
any help with selecting the right
system for your venue.

Choosing the right equipment for you

If your application requires:	Digital RF	FM	Infrared	Induction Hearing Loop	WI·FI
Global Disability Legislation Compliant	√	√	√	√	√
Installed System (Rack Mounted)		√	√	√	√
Portable System	√	√		√	
Compatibility with T-coil enabled Hearing Aids | Neckloop	√	√	√	√	
Single Transmission Channel	√	√	√	√	√
Maximum Number Channels	15	17 (8 at once)	4	1	999
Full Duplex or Two-Way Communication	√				
Ease of Installation	√	√			
Extended Transmission Range		√	√		√
Outdoor Usage	√	√		√	√
Privacy	√		√		√
Secure Encrypted Transmission	√				
No Licensing	√		√	√	

WILLIAMS SOUND ®

Williams AV | Communication Empowered

Williams Sound and Pointmaker have now aligned, with each company bringing different, but exceptional, expertise and experience. Two, truly innovative AV companies with a similar vision – driving technology that enables communication, strengthens connections, and ultimately inspires collaboration. This is what we call C^3 – communication empowered. With this newfound synergy, we are moving forward as a stronger force in the audiovisual/collaboration marketplace.

As you peruse the pages of this commercial sound catalog, it's clear to see our spirit of innovation is alive and well. Williams Sound, who has served professional communication needs worldwide since 1976, offers products across five, cutting-edge communication technologies -- real-time audio via Wi-Fi, digital, FM, infrared and induction loop.

Both Williams Sound and Pointmaker are proud of their histories and excited about the future. Through innovative thinking and cutting-edge technology, we remain committed to offering products and services that enhance people's lives. We are integrating the combined talents of two companies, making one great company with exceptional capabilities.

INDEX

HEARING ((📱)) HOTSPOT™

WI·FI

See and hear the thrill of your team's game-winning home run… The brilliance of a classic guitar riff… The wisdom in a professor's words. The Hearing HotSpot is an innovative listening technology that allows any venue to stream real-time audio via Wi-Fi from TVs, music sources or live programs directly to an individual's personal smartphone or tablet. To listen, an individual simply connects to the local Hearing Hotspot Wi-Fi, downloads the free Hearing Hotspot app from the Google Play or Apple App Store, and selects the audio channel they want to hear.

· Ultra-low latency

· Streaming audio adds minimal weight to network (only 12KB/second/channel)

· Dante input

· Network control

· In-app messaging

App Store   Google play

WI·FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

NEXT GENERATION

Real·Time Audio Via Wi·Fi

The Hearing HotSpot Server includes everything you need to stream multiple channels of audio in real-time over an enterprise Wi-Fi network. Venue-controlled advertising / messages, made available through a simple web portal and system updates, are delivered to the venue without on-site visits. User-friendly LCD front panel allows for easy setup, status and audio-level adjustments on every channel.

PERSONALIZED **CONTENT**
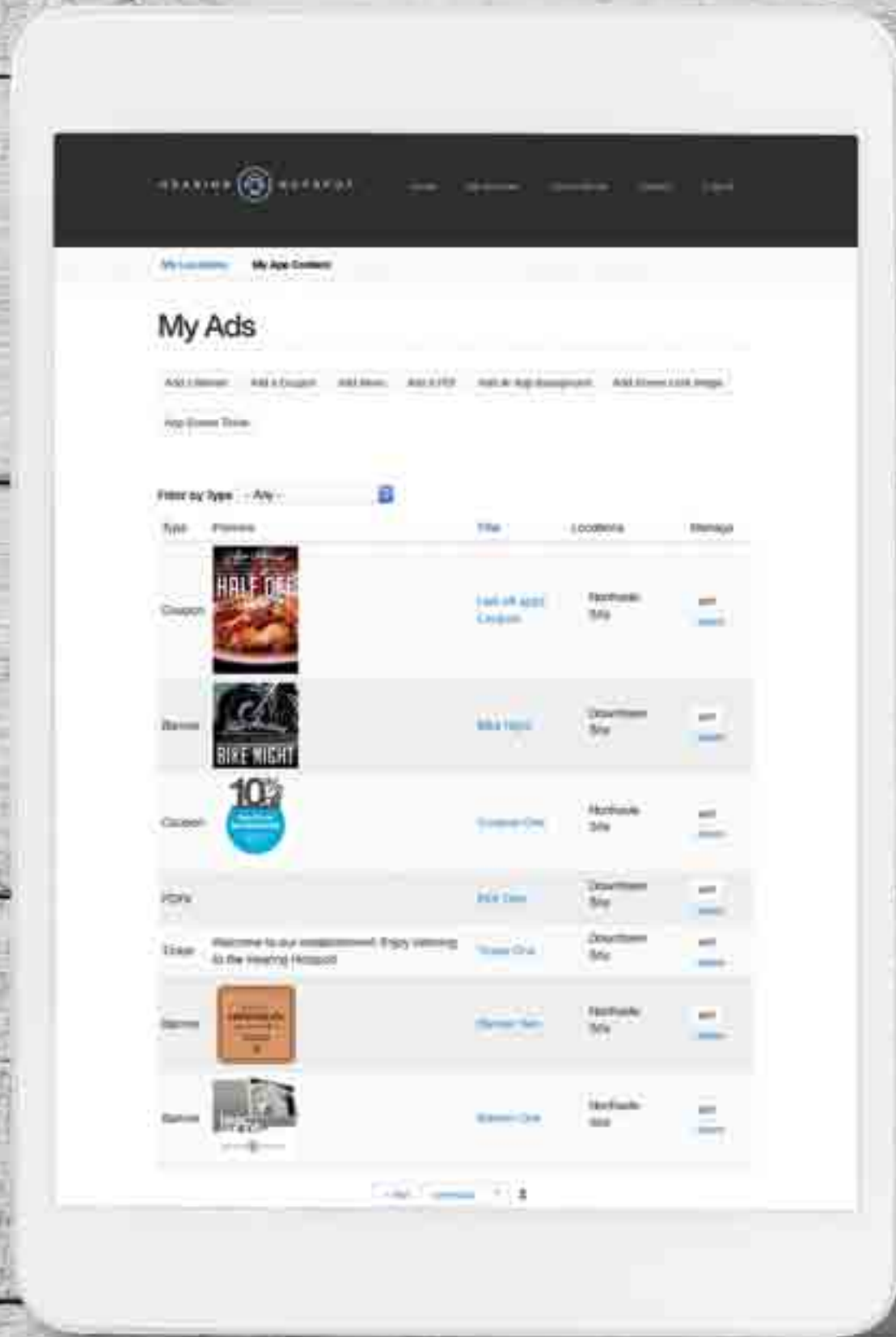
UP TO **32** CHANNELS

Features

· Broadcasts up to 32 channels (per server box) of better-than-MP3 audio quality directly to an individual's smartphone or tablet at any venue offering Hearing Hotspot.

· Advanced software algorithm delivers audio with ultra-low latency, so the audio stays in sync with the video source or live performance.

· Streaming audio adds minimal weight to network (only 12 KB/second/channel).

· Displays current venue branding.

· Purpose-built, high-quality hardware and innovative software offer great performance and trouble-free, continuous operation.

· Stereo or mono options available.

· Compatible with most Apple®- and Android®-based smartphones and tablets.

USER PORTAL

Not only does the Hearing HotSpot provide a revolutionary listening experience to customers, it offers the participating venue an extraordinary opportunity to improve customer retention, grow engagement and drive revenue.

Connect with customers like never before. Take advantage of the truly unique software portal that is part of each Hearing HotSpot package. This easy-to-use interface provides each venue with the creative power to customize in-app messaging and advertising for your target audience.

PERSONALIZED BRANDING

Create dynamic, customized branding that scrolls noticeably across your customers' smartphone screens. Easily personalize customer experience via:

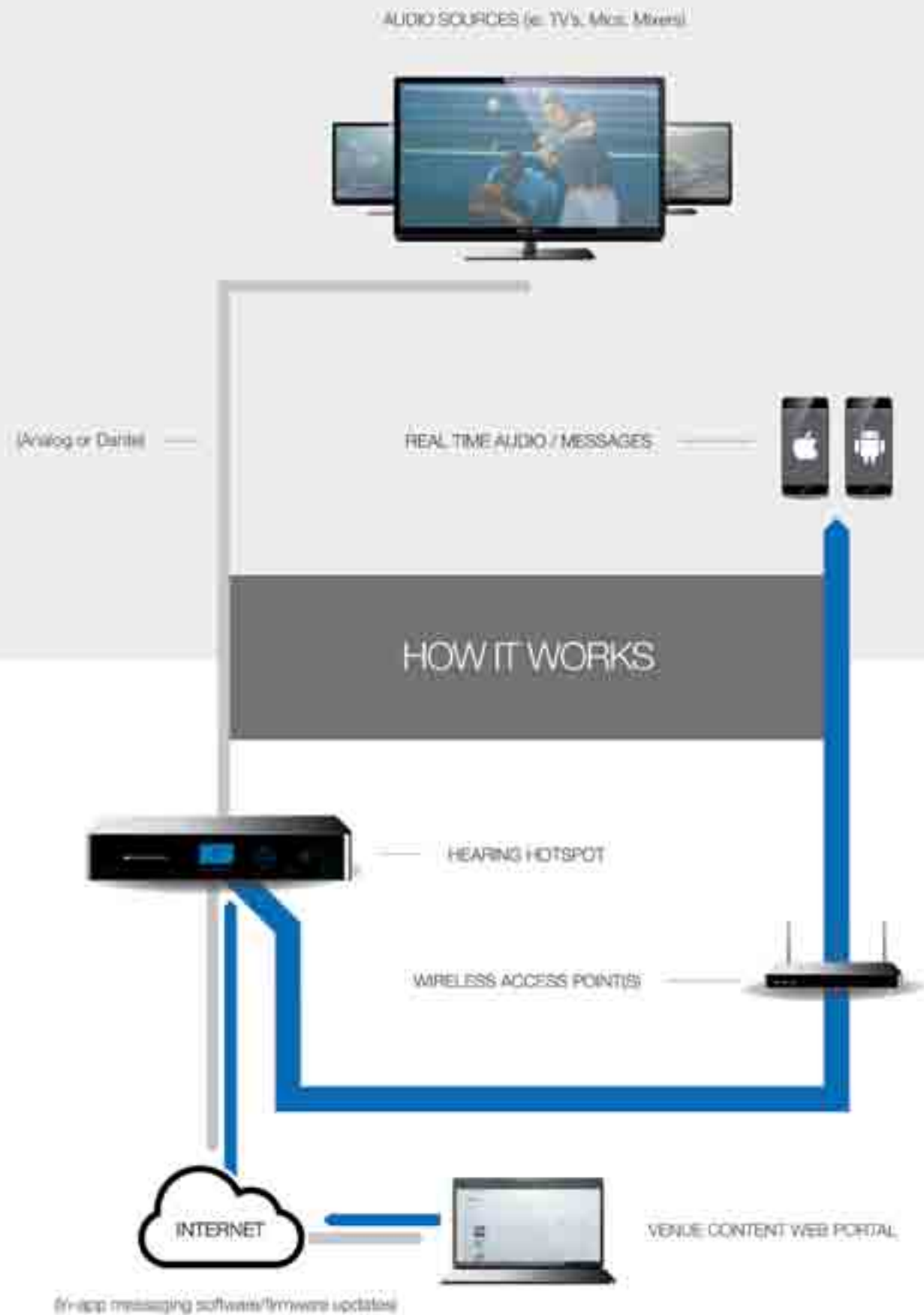|	
Welcome Messages Ticker	Special Offers
PDFs (Multi-Page, Up To 8Mb)	Event Calendars
Customer-Specific Coupons	Background Banner For Venue Branding

$ GENERATE REVENUE

Successfully generate revenue and exposure through:

Third-Party Co-Op Promotions	Mobile Ad Space Sales
In-App tabs allow customers to share their experiences on Facebook	

PERSONALIZED EXPERIENCE

Keep customers coming back for more, with the personalized experience they've been missing. Maximize mobile app engagement with Hearing HotSpot.

WI-FI
DIGITAL
FM
INFRARED
LOOP
INTERPRETATION
ACCESSORIES

AUDIO SOURCES (ie. TV's, Mics, Mixers)

(Analog or Digital)

REAL TIME AUDIO / MESSAGES

HOW IT WORKS

HEARING HOTSPOT

WIRELESS ACCESS POINT(S)

INTERNET

VENUE CONTENT WEB PORTAL

(In-app messaging software/firmware updates)

WI-FI
DIGITAL
FM
INFRARED
LOOP
INTERPRETATION
ACCESSORIES

SYSTEM DETAILS

Hardware / Software

Each Hearing HotSpot system consists of a software license and hardware specifically configured for each customer venue, based on how the system will be used. This approach allows Williams Sound to scale the system from small to very large venues, with customers paying only for the components they need. Each system can handle up to 200 connected devices up to a 150-foot radius with a Hearing HotSpot server and Ruckus® single access point.
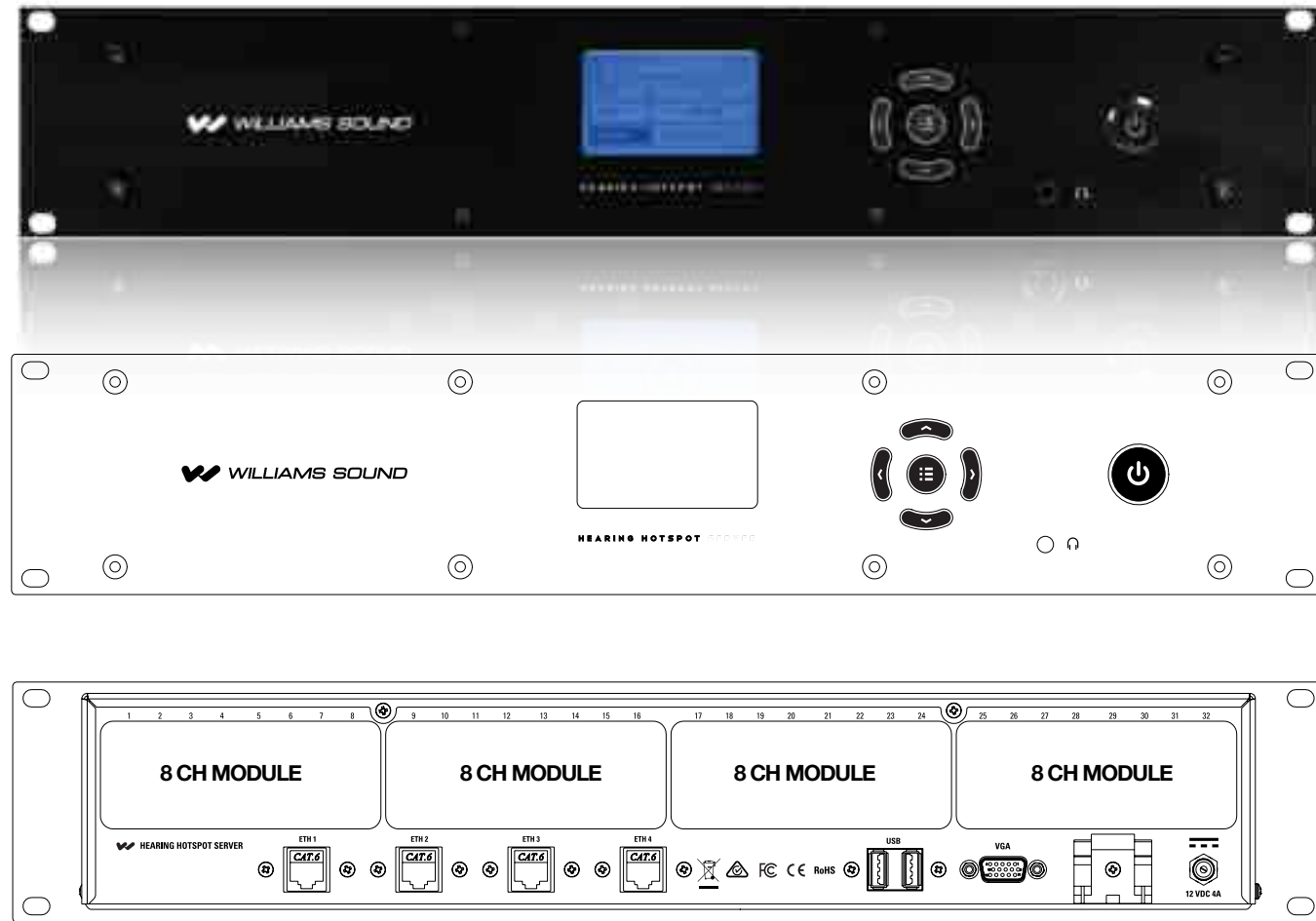
Pricing

Hearing HotSpot System pricing is based on the following factors:
· Number of audio sources/channels (up to 32 per server box)
· Wi-Fi coverage (physical space and number of expected users)
· Installation requirements (centrally located AV rack or dispersed)

Web Portal Access / Software Maintenance

The Hearing HotSpot web portal provides venues with access to manage their own in-app content including banners, tickers, backgrounds and more. Web portal access also facilitates delivery of server software updates to ensure compatibility with new smartphones and tablets. Web portal access and software maintenance are included for the first year with purchase; additional years are available for a modest fee and highly recommended to ensure compatibility with the newest phones and tablets.

Hearing HotSpot Server

DESCRIPTION

The Hearing HotSpot Server allows mono or stereo high-quality audio from multiple video or live audio sources to be streamed in real-time via Wi-Fi to users' mobile devices running the Hearing HotSpot App. With an appropriate LAN, the system can be scaled to any size venue or number of users. Typical applications include transmitting live audio from video walls in fitness centers, restaurants/bars, casinos, stadiums/arenas, auditoriums, museums and transportation facilities. For simultaneous interpretation, up to 32 languages can be streamed in meetings and conferences.

Hearing HotSpot Server Configurations* †

If Wi-Fi hardware is needed, please contact TechBlue (techblue@williamssound.com) for price and plan proposal.

HHS 108

Hearing HotSpot Server with 1-8 channels. (8 mono / 4 stereo)

HHS 116

Hearing HotSpot Server with 9-16 channels. (16 mono / 8 stereo)

HHS 124

Hearing HotSpot Server with 17-24 channels. (24 mono / 12 stereo)

HHS 132

Hearing HotSpot Server with 25-32 channels. (32 mono / 16 stereo)

HHS 132 D

Hearing HotSpot Server with Dante module. (32 mono / 16 stereo)

HH SY1

HHS 108, plus Ruckus® R510 Wireless Access Point

HHS CH8

Optional 8-channel module for Hearing HotSpot Server (8 mono / 4 stereo)

HHS DM32

Optional Dante module for Hearing HotSpot Server (32 mono / 16 stereo)

HHS 1Y MNT

Annual software maintenance fee. Includes in-app messaging, web portal access and server updates to keep current with latest mobile device models. Option available to prepay for up to three additional years to lock in current maintenance pricing.

*Wi-Fi hardware not included in system pricing. Venues with an enterprise-level network may be able to use their existing network if certain parameters can be met.
†System pricing includes first-year software maintenance fee.

DIGITAL

Effective communication is the lifeblood of any successful organization. Connect successfully with your team with the Digi-Wave digital communication system from Williams Sound. Digi-Wave is lightweight, portable, one- or two-way technology designed to connect you instantly to employees, clients and team members. When time, money and peace of mind matter, make Digi-Wave your go-to for seamless, productive communication.

· New bilingual and relay interpretation modes

· Promotes interaction – Full-duplex capability; (DLT transceiver) supports up to six simultaneous talkers

· DLR receiver supports unlimited listeners

· Maintains focus – Crystal-clear digital sound quality

· Completely portable – No base station or rack-mounted components required

· Secure – 87- bit encryption, PIN code and frequency-hopping technology

· Flexible – Pre-packaged and fully customizable systems available, operating on 2.4 GHz

· Inclusive — Range up to 750 feet (229 meters), depending upon environment

SYSTEM COMPONENTS

Digital | Transceiver | Receiver | Dock

DLT 300

DLR 360

DWD 102

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

DLT 300 Interpretation Modes

Interpretation Mode
Interpreter can hear the floor language in their headset, while simultaneously transmitting the interpreted language on a separate channel.

NEW Bilingual Mode
Enables interpreter to quickly and seamlessly switch the transmission channel when he/she switches between different target languages.

NEW Relay Mode
Enables one interpreter to act as a relay language. No need for an interpreter console or base station to offer relay capability.

DLT 300 transceiver transmits and receives. Features full-duplex capability for more natural conversations. Supports up to six simultaneous open mics and an unlimited number of Digi·Wave devices in a given area. Slim, lightweight, and simple to set up and use. One- or two-way operation offers flexibility in an array of applications. With the push of a button, users can access two-way communication for immediate interaction or Q&A.

DLR 360 (conveniently rechargeable) receiver is for listen-only applications. Simple to set up and use. Features automatic mode selection and shut-off. Large LCD screen displays channel, volume, battery level and RF signal strength.   An unlimited number can be used within a given area and can receive audio from any transmitting DLT. Can be used with earphones, headphones, neckloop or built-in speaker. Add any quantity for larger groups. Uses (2) AAA alkaline or NiMH batteries.

DWD 102 Digi·Wave Dock acts as a communication hub. Place a DLT 300 transceiver into the dock and easily bring audio from an outside source to listeners using a Digi-Wave system. You can also use the DLT 300 / Digi-Wave Dock combo to deliver audio from a portable Digi-Wave system to listeners in a permanent sound installation. (A DLR 360 receiver placed in a Digi-Wave Dock can similarly deliver audio to a separate sound system.) The Digi-Wave Dock offers the flexibility of separate RCA and XLR inputs and outputs in each of its two bays. An added plus: The dock charges DLT 300 transceivers and DLR 360 receivers and can be utilized to extend coverage.

HOW IT WORKS
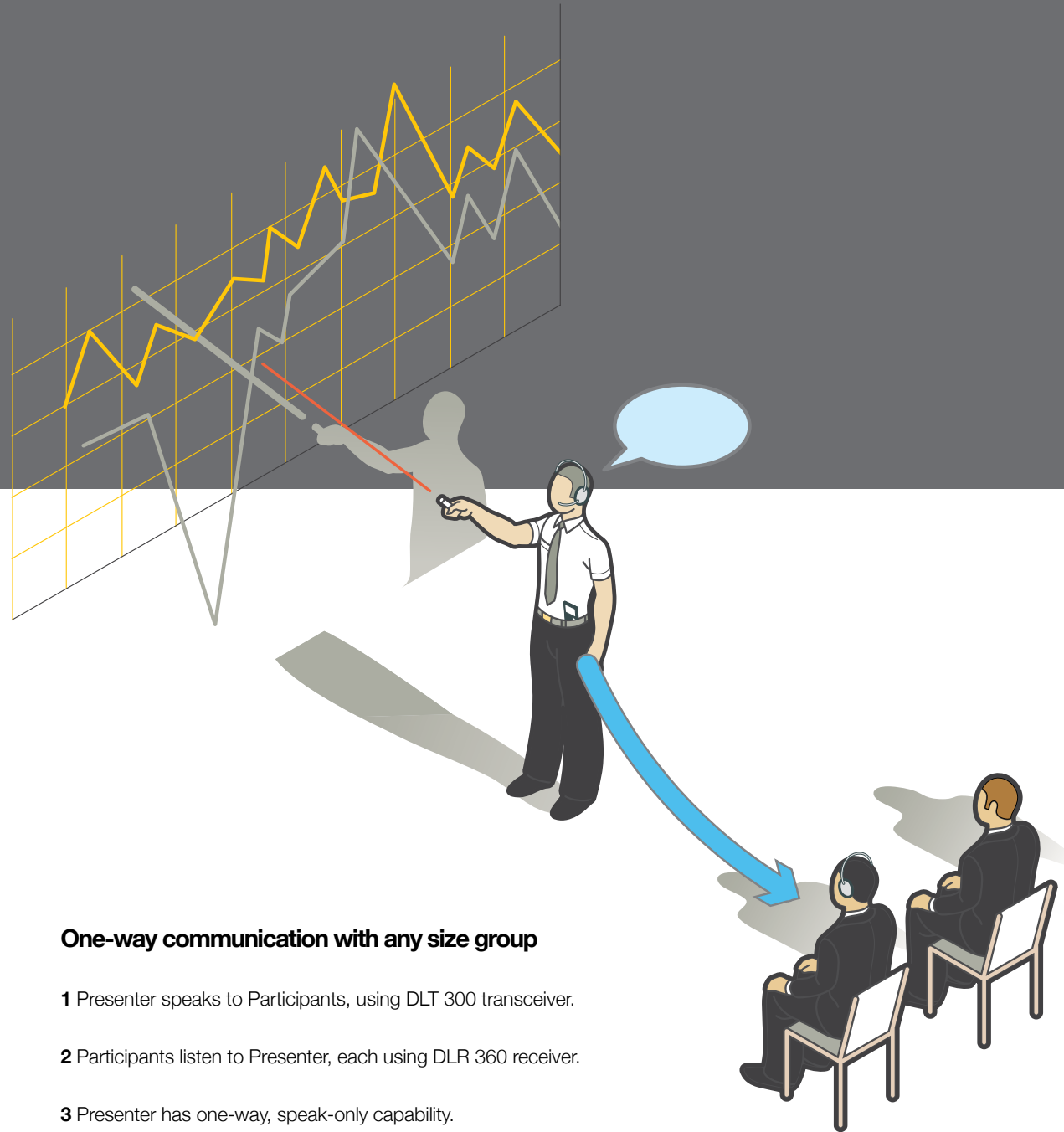
Two -way | Full-duplex Communication

Accommodates any size group, with up to six mics live at one time

1 Crew Lead speaks to Crew Members, using DLT 300 transceiver.

2 All Crew Members listen to Crew Lead, each using DLT 300.

3 Up to 1000 DLT 300s can be used within a group, with up to six simultaneous open mics.

4 All group members have two-way capability – choice of listen-only or speak/listen simultaneously.
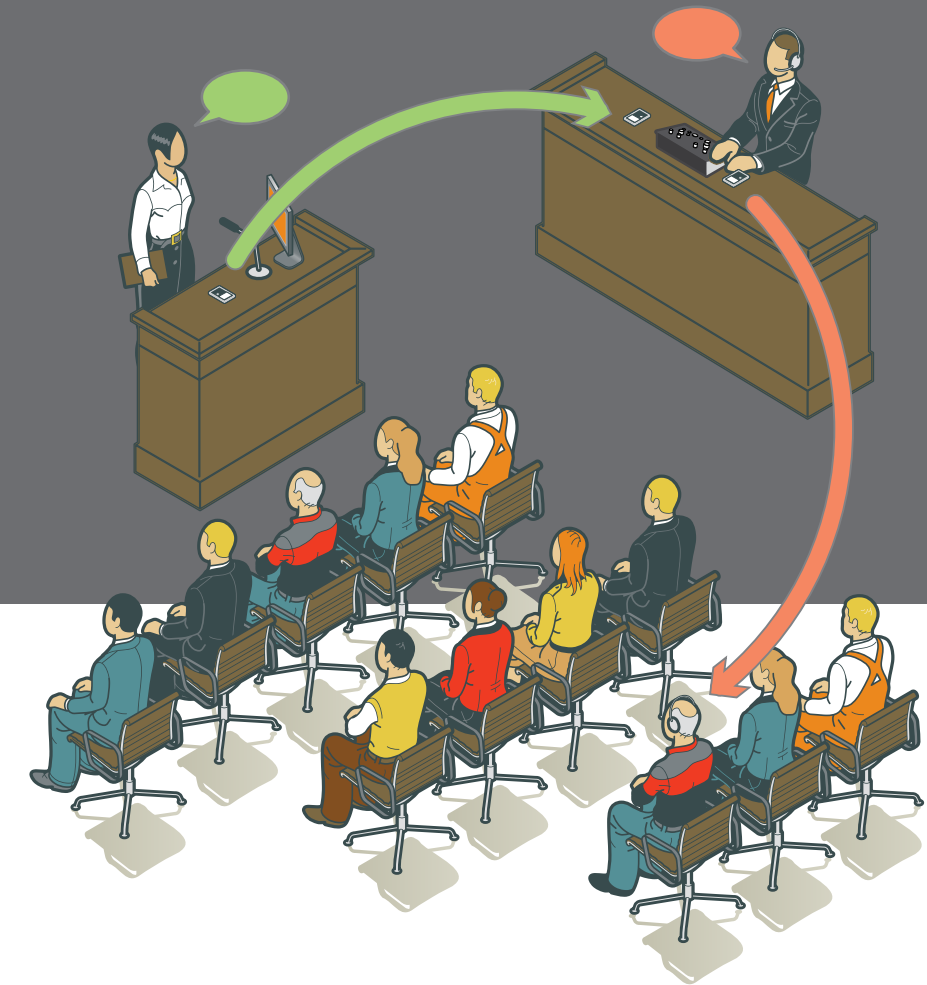
HOW IT WORKS

One-way | Simplex Communication

One-way communication with any size group

1 Presenter speaks to Participants, using DLT 300 transceiver.

2 Participants listen to Presenter, each using DLR 360 receiver.

3 Presenter has one-way, speak-only capability.

4 Participants have one-way, listen-only capability.

HOW IT WORKS

One-way | Simplex Interpretation

One-way communication with any size gruop

1 Presenter speaks into a microphone or DLT 300.

2 Interpreter listens to Presenter's message on floor channel.

3 Interpreter interprets the message into a second language, speaking into their headset microphone, transmitting on another channel, using a DLT 300.

4 Participants with Digi-Wave DLR 360 receivers can select and listen to the floor or the interpreted message.

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DLT 300 Digi-Wave Digital Transceiver

DLT 300

Digi-Wave tranceiver transmits and receives. Features full-duplex capability. Supports up to six simultaneous talkers in two-way mode. Slim, lightweight, and simple to set up and use. One- or two-way operation offers flexibility in an array of applications. With the push of a button, users can access two-way communication for immediate interaction or Q&A. Includes battery and DW ACC PAC single-unit power supply. Now with three interpretation modes:

· Interpretation Mode: Interpreter can hear the floor language in their headset, while simultaneously transmitting the interpreted language on a separate channel.

· NEW Bilingual Mode: Enables interpreter to quickly and seamlessly switch the transmission channel when he/she switches between different target languages.

· NEW Relay Mode: Enables one interpreter to act as a relay language. No need for an interpreter console or base station to offer relay capability.

DLR 360 Digi-Wave Digital Receiver

DLR 360

Conveniently rechargeable Digi-Wave receivers are for listen-only applications. Simple to set up and use. Features automatic mode selection and shut-off. Receives audio from any transmitting DLTs. Large LCD screen displays channel, volume, battery level and RF signal strength. Can be used with earphones, headphones, neckloop or built-in speaker. Add any quantity for larger groups. Uses (2) AAA alkaline or NiMH batteries. No earphones. No batteries.
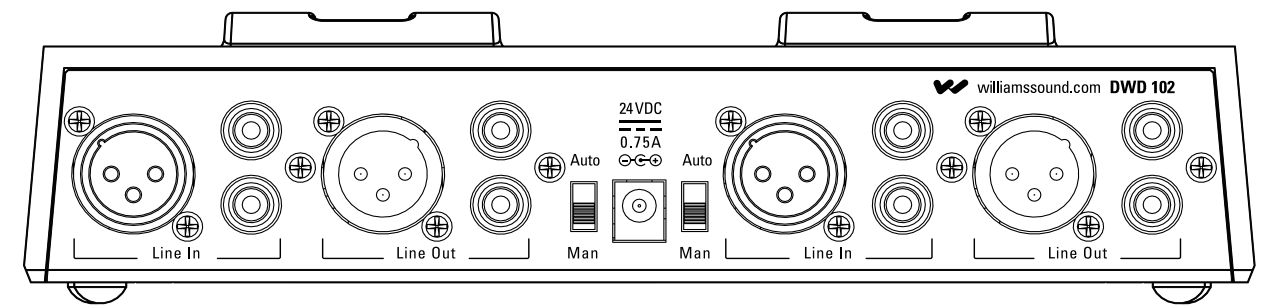
DWD 102 Digi-Wave Dock

DWD 102

NEW Reduced Price. The Digi·Wave Dock acts as a communication hub. Place a Digi-Wave transceiver into the dock and easily bring audio from an outside source to listeners using a Digi-Wave system. You can also use the Transceiver / Dock combo to deliver audio from a portable Digi-Wave system to listeners in a permanent sound installation. (A Digi-Wave receiver placed in a Digi-Wave Dock can similarly deliver audio to a separate sound system.) The Dock offers the flexibility of separate RCA and XLR inputs and outputs in each of its two bays. An added plus: The dock charges Digi-Wave transceivers and receivers.

DWS COM 4 300 Digi-Wave Wireless Intercom System

DESCRIPTION

NEW simultaneous, two-way wireless intercom system for up to four participants.

QTY	SYSTEM INCLUDES
4	**DLT 300** Transceivers
4	**MIC 044 2P** Headset Microphones
1	**CCS 029 DW** System Carry Case with Applicable Foam Insert
3	**CCS 044 BK** Black Silicone Skins
1	**CCS 044 GR** Grey Silicone Skin
DWS COM 4 300	

DWS COM 6 300 Digi-Wave Wireless Intercom System

DESCRIPTION

Simultaneous, two-way wireless intercom system for up to six participants.

QTY	SYSTEM INCLUDES
6	**DLT 300** Transceivers
6	**MIC 044 2P** Headset Microphones
1	**CCS 030 DW** System Carry Case with Applicable Foam Insert
5	**CCS 044 BK** Black Silicone Skins
1	**CCS 044 GR** Grey Silicone Skin
DWS COM 6 300	

DWS COM 6 PRO 300 Digi-Wave Wireless Intercom System

DESCRIPTION

Simultaneous, two-way wireless intercom system. Works well in an event-production scenario – allowing producers/directors to communicate immediately and accurately in full-duplex mode with crew members in different house locations.

QTY	SYSTEM INCLUDES
6	**DLT 300** Transceivers
6	**MIC 058** Dual-muff Headset Microphones
1	**CCS 042 DW** Heavy-duty System Carry Case with Applicable Foam Insert
5	**CCS 044 BK** Black Silicone Skins
1	**CCS 044 GR** Grey Silicone Skin

DWS COM 6 PRO 300

DWS COM 8 300 Digi-Wave Wireless Intercom System

DESCRIPTION

NEW simultaneous, two-way wireless intercom system for up to eight participants.

QTY	SYSTEM INCLUDES
8	**DLT 300** Transceivers
8	**MIC 044 2P** Headset Microphones
1	**CCS 030 DW** System Carry Case with Applicable Foam Insert
7	**CCS 044 BK** Black Slicone Skins
1	**CCS 044 GR** Grey Silicone Skin

DWS COM 8 300

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

DWS COM 8 PRO 300 Digi-Wave Wireless Intercom System

DESCRIPTION

NEW simultaneous, two-way wireless intercom system for up to eight participants.

QTY	SYSTEM INCLUDES
8	**DLT 300** Transceivers
8	**MIC 058** Headset Microphones
1	**DWD 102** Digi-Wave Dock
1	**CCS 042 DW** Heavy-duty System Carry Case with Applicable Foam Insert
7	**CCS 044 BK** Black Silicone Skins
1	**CCS 044 GR** Grey Silicone Skin

DWS COM 8 PRO 300

DWS INT 2 300 Digi-Wave Language Interpretation System

DESCRIPTION

Portable, wireless, language interpretation system. Up to 10 listeners. DLT 300 now features NEW bilingual and relay interpretation modes.

QTY	SYSTEM INCLUDES
1	**DLT 300** Transceiver
10	**DLR 360** Receivers
1	**MIC 044 2P** Headset Microphone
10	**EAR 022** Surround Earphones
10	**BAT 010-2** AAA Alkaline Batteries
1	**CCS 030 DW 16** System Carry Case with Applicable Foam Insert

DWS INT 2 300

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

DWS INT 3 300 Digi-Wave Language Interpretation System

DESCRIPTION

Portable, wireless, language interpretation system. Up to 20 listeners. DLT 300 now features NEW bilingual and relay interpretation modes.

QTY	SYSTEM INCLUDES
2	**DLT 300** Transceivers
20	**DLR 360** Receivers
2	**MIC 044 2P** Headset Microphones
20	**EAR 022** Surround Earphones
1	**CHG 102** Two-bay Charger
20	**BAT 010-2** AAA Alkaline Batteries
1	**CCS 042 DW** System Carry Case with Applicable Foam Insert
1	**CCS 044 BK** Black Silicone Skin
1	**CCS 044 GR** Grey Silicone Skin
DWS INT 3 300	

DWS INT 4 300 Digi-Wave Language Interpretation System

DESCRIPTION

Portable, wireless, language interpretation system. Ideal when one language is shared by two interpreters. Up to 25 listeners. DLT 300 now features NEW bilingual and relay interpretation modes.

QTY	SYSTEM INCLUDES
3	**DLT 300** Transceivers
25	**DLR 360** Receivers
1	**MIC 054** Lapel Microphone
2	**MIC 044 2P** Headset Microphones
25	**EAR 022** Surround Earphones
1	**CHG 102** Two-bay Charger
25	**BAT 010-2** AAA Alkaline Batteries
1	**CCS 042 DW** System Carry Case with Applicable Foam Insert
1	**CCS 044 GR** Grey Silicone Skin
DWS INT 4 300	

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

DWS INT 5 300 Digi-Wave Language Interpretation System

DESCRIPTION

Portable, wireless, language interpretation system. Ideal for up to four languages, plus floor language. Up to 50 listeners. Space for up to 70 receivers per foam insert. DLT 300 now features NEW bilingual and relay interpretation modes.

QTY	SYSTEM INCLUDES
5	**DLT 300** Transceivers
50	**DLR 360** Receivers
4	**MIC 058** Headset Microphones
50	**EAR 022** Surround Earphones
1	**CHG 1012** 12-bay Charger
50	**BAT 022-2** AAA Rechargeable NiMH Batteries
4	**CCS 044 BK** Black Silicone Skins
1	**CCS 054** System Carry Case with Applicable Foam Insert
1	**CCS 044 GR** Grey Silicone Skin
DWS INT 5 300	

DWS TGS 10 300 Digi-Wave Tour Guide System 10 (one-way)

DESCRIPTION

One-presenter, one-way, wireless, tour guide system. Tour groups of up to 10 members.

QTY	SYSTEM INCLUDES
1	**DLT 300** Transceiver
10	**DLR 360** Receivers
1	**MIC 044 2P** Headset Microphone
10	**EAR 022** Surround Earphones
10	**BAT 010-2** AAA Alkaline Batteries
1	**CCS 030 DW 16** System Carry Case with Applicable Foam Insert
1	**CCS 044 GR** Grey Silicone Skin
DWS TGS 10 300	

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

DWS TGS 11 300 Digi-Wave Tour Guide System 11 (one-way)

DESCRIPTION

Digi-Wave 300 Series Tour Guide System for one guide and up to 11 listeners.

QTY	SYSTEM INCLUDES
1	**DLT 300** Transceiver
11	**DLR 360** Receivers
1	**MIC 044 2P** Headset Microphone
11	**EAR 022** Surround Earphones
1	**CHG 1012 PRO** Charger with Case and Applicable Foam Insert
11	**BAT 022-2** AAA Rechargeable NiMH Batteries
1	**CCS 044 BK** Black Silicone Skin
DWS TGS 11 300	

DWS TGS 20 300 Digi-Wave Tour Guide System 20 (one-way)

DESCRIPTION

One-presenter, one-way, wireless tour guide system. Tour groups of up to 20 members.

QTY	SYSTEM INCLUDES
1	**DLT 300** Transceiver
20	**DLR 360** Receivers
1	**MIC 2P** Headset Microphone
20	**EAR 022** Surround Earphones
20	**BAT 010-2** AAA Alkaline Batteries
1	**CCS 030 DW 16** System Carry Case with Applicable Foam Insert
1	**CCS 044 GR** Grey Silicone Skin
DWS TGS 20 300	

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

DWS TGS 23 300 Digi-Wave Tour Guide System 23 (one-way)

DESCRIPTION

One-presenter, one-way, wireless, tour guide system. Tour groups of up to 23 members.

QTY	SYSTEM INCLUDES
1	**DLT 300** Transceiver
23	**DLR 360** Receivers
1	**MIC 044 2P** Headset Microphone
23	**EAR 022** Surround Earphones
2	**CHG 1012 PRO** 12-bay Chargers with Cases and Applicable Foam Inserts
23	**BAT 022-2** AAA Rechargeable NiMH Batteries
1	**CCS 044 BK** Black Silicone Skin
DWS TGS 23 300	

DWS TGS VIP 12 300 Digi-Wave Tour Guide System VIP (two-way)

DESCRIPTION

Two-way, wireless, communication system. Ideal for VIP discussion or Q&A in loud environments.

QTY	SYSTEM INCLUDES
12	**DLT 300** Transceivers
12	**MIC 044 2P** Headset Microphones
1	**CCS 042 DW** System Carry Case with Applicable Foam Insert
11	**CCS 044 BK** Black Silicone Skins
1	**CCS 044 GR** Grey Silicone Skin
DWS TGS VIP 12 300	

WI-FI
DIGITAL
FM
INFRARED
LOOP
INTERPRETATION
ACCESSORIES

DWS PCS 2 300 Digi-Wave Personal Communication System

DESCRIPTION

This simultaneous, two-way Digi-Wave Personal Communication System helps you hear in everyday situations. Easily access two-way communication with the push of a button. Perfect for classrooms, Digi-Wave maximizes a student's ability to hear, ensures that the teacher's message is heard clearly, and provides the option for student Q&A.

QTY	SYSTEM INCLUDES
2	**DLT 300** Transceivers
2	**MIC 044 2P** Headset Microphones
1	**CHG 102** Two-bay Charger
1	**CCS 043** System Carry Case
1	**CCS 044 BK** Black Silicone Skin
1	**CCS 044 GR** Grey Silicone Skin
DWS PCS 2 300	

DWS PCS 3 300 Digi-Wave Personal Communication System

DESCRIPTION

This one-way Digi-Wave Personal Communication System makes it easier to hear in everyday situations by reducing background noise and compensating for poor room acoustics or distance from the sound source. Beneficial for an array of personal listening scenarios—from conversations around the coffee table to hearing every word of your favorite TV program. Simply place the DLT 300 near the sound source.

QTY	SYSTEM INCLUDES
1	**DLT 300** Transceiver
1	**DLR 360** Receiver
1	**MIC 090** Lapel Microphone
1	**EAR 041** Earphone
1	**CHG 102** Two-bay Charger
1	**BAT 022-2** NiMH Rechargeable Batteries
1	**CCS 043** System Carry Case
1	**CCS 044 GR** Grey Silicone Skin
1	**CCS 060 BK** Black Silicone Skin
DWS PCS 3 300	

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

DWS BR1 Digi-Wave Wireless Intercom System

DESCRIPTION

NEW simultaneous, two-way wireless intercom system. Ideal for use in conference rooms.

QTY	SYSTEM INCLUDES
2	**DLT 300** Transceivers
1	**DLR 360** Receiver
2	**MIC-014-R** Plug-mount Microphones
2	**MIC 049** Omnidirectional Conference Microphones
1	**DWD 102** Digi-Wave Dock

DWS BR1	

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

FM

Your audience is ready and waiting … to be soothed by a pastor's sermon, to be mesmerized by the leading man's monologue, to be pumped by an announcer's play-by-play. From houses of worship to performing arts centers to football stadiums, FM listening technology from Williams Sound ensures every listener in attendance can hear your message clearly. Our FM systems provide peace of mind, every time — complete, turn-key solutions that meet your facility's needs for hearing assistance, language interpretation, audio description or disability compliance.

· Ideal for large venues

· Easy to install

· Integrates fully with existing sound systems

· Listeners can sit anywhere

· Cost-effective

· Works well indoors or outdoors

· Satisfies current ADA guidelines

· Covered by Lifetime PLUS Limited Warranty

· DSP audio processing for exceptional sound

· More front-facing controls for easy access

· Network control for remote monitoring and
  adjustment; no need to be physically onsite.

· 72 MHz broadcast provides wider bandwidth
  and better audio quality for a full, rich sound and
  better intelligibility.

Wireless, radio-frequency systems designed to help individuals needing auditory assistance or language interpretation to overcome background noise, reverberation and distance from the sound source. Ideal for large-group listening scenarios. Individuals use personal FM receivers anywhere within the coverage area to hear crystal-clear sound directly from the sound source.

NETWORK
C O N T R O L L E D

NOTE: Williams Sound FM communication systems are approved by the FCC for operation in U.S. markets. they cannot be used in all countries. Check with your governments' radio regulations for 72-76 MHz operation.

WIFI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

SYSTEM COMPONENTS

FM Transmitters

The cutting-edge FM T45Net / T45 base-station transmitter — now with a new, optional Dante input — offers network control capability from any remote location, multiple digital audio input options, and an OLED high-res screen with easy-to-manage menu navigation.

Dante™

All Williams Sound FM transmitters fully comply with 2016 FCC Part 15 regulations.

The FM T27 base-station transmitter broadcasts voice, music or audio service wirelessly up to 1,000 feet. Simple to set up and use, it is ideal for portable use.

The highly portable FM T46 body-pack transmitter broadcasts voice or audio programs on one of 17 available channels (72-76 MHz) to listeners using any Williams Sound PPA receivers. Dual inputs allow for pre-recorded content.

SYSTEM COMPONENTS

FM Receivers

Can be purchased with optional, rechargeable batteries and chargers.

R38

The stylish R38 receiver features a high-res OLED screen that's easy on the eyes and convenient to use — presenting a quick view of receiver status and immediate entry to all user settings. On-screen volume status and channel selection with easy access to 17 pre-set, wideband frequencies (72-76 MHz). Ideal for multi-channel applications.

R37-8

Flexible and simple, the R37-8 receiver features a rotary selection knob for easy access to eight pre-set wide-band frequencies. Ideal for multi-channel applications.

R37

The R37 receiver features easy-to-use, seek-button channel selection with access to 17 pre-set wide-band frequencies (72-76 MHz).
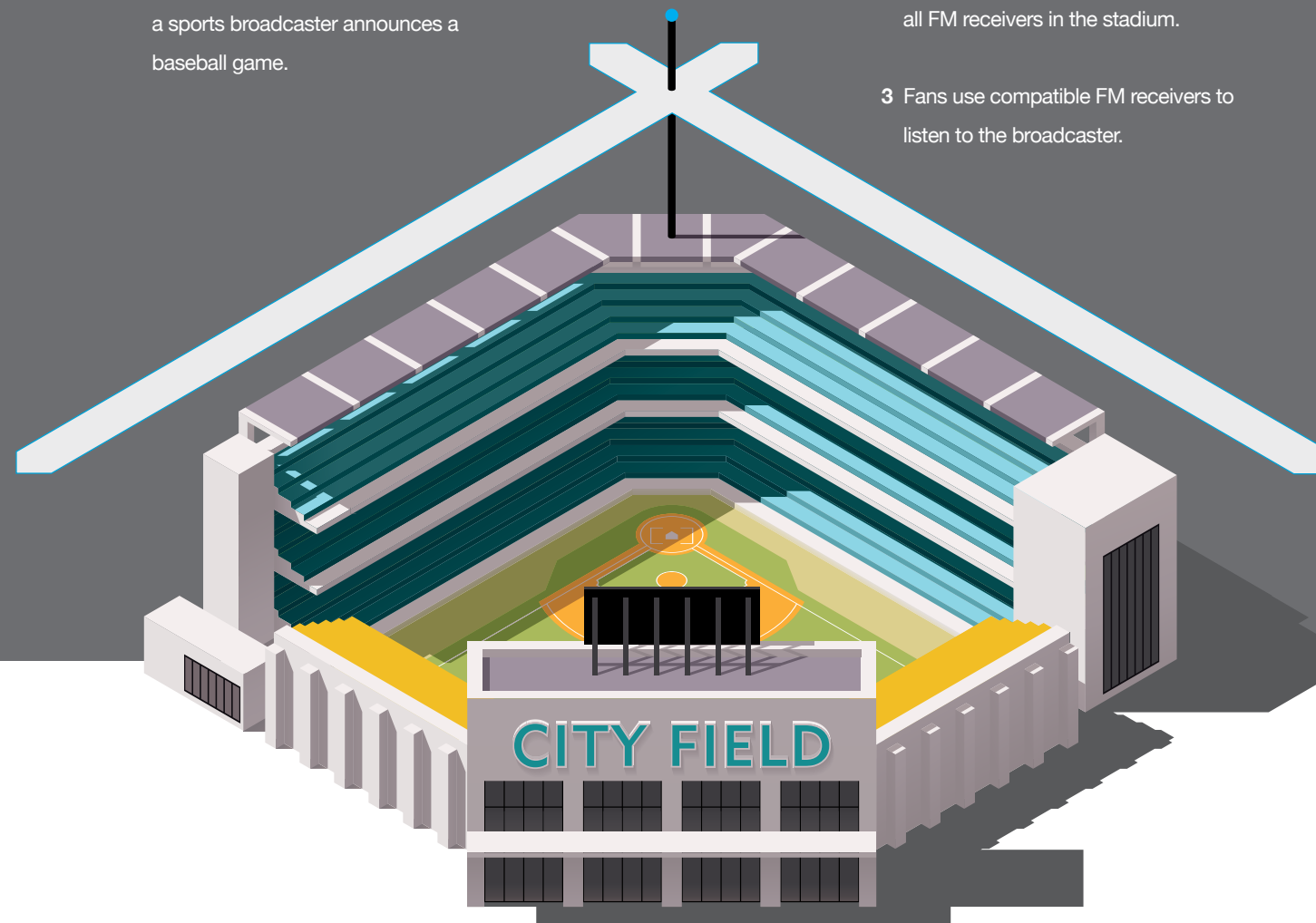
HOW IT WORKS

1 Input to an FM listening system can come from a microphone, sound system or other audio source. Here, a sports broadcaster announces a baseball game.

UP TO 1000 FT
RANGE / RADIUS FROM ANTENNA

2 The FM transmitter captures the broadcaster's voice. The transmitter, in turn, sends a low-power radio signal to all FM receivers in the stadium.

3 Fans use compatible FM receivers to listen to the broadcaster.
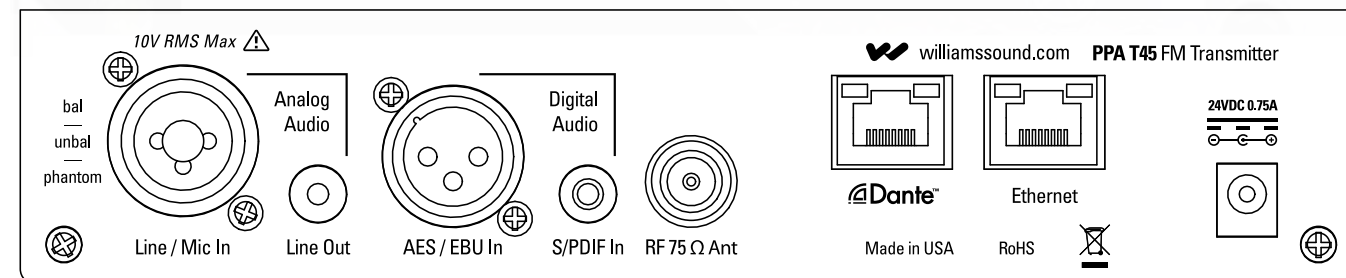
CITY FIELD

WORKS LIKE A SMALL **RADIO STATION**

An FM listening system operates just like a small radio station. An FM transmitter, directly connected to the sound system used in a facility, broadcasts radio signals on pre-set frequencies (frequencies that the FCC has determined and restricted for use by assistive listening and language interpretation systems). These signals are received by individual "radios" – FM body-pack receivers tuned to the specific frequency in use.

WI-FI
DIGITAL
FM
INFRARED
LOOP
INTERPRETATION
ACCESSORIES

PPA T45 Transmitters FM Base Station Transmitter

DESCRIPTION

This installed FM T45 transmitter -- now with an optional Dante input -- broadcasts on one of 17 available channels and offers up to eight simultaneous channels, multiple digital audio input options, and an OLED high-resolution screen with easy-to-manage menu navigation. Available with or without network control. Network control allows for remote monitoring and adjustments without the need to be physically onsite. Features three powerful microprocessors and the same high-quality audio and RF performance you've come to expect from Williams Sound. It's technology that takes the guesswork out of complex audio installation. Simply select among voice, music, or hearing assistance in the application preset menu, and this transmitter quickly configures itself. Range of up to 1,000 feet.

FM T45 Transmitter Models

PPA T45NET D

FM Base Station Transmitter with Network Control and Dante input

PPA T45NET

FM Base Station Transmitter with Network Control

PPA T45

FM Base Station Transmitter

PPA T27 FM Base-station Transmitter

PPA T27

Large-area FM transmitter for portable use, broadcasting a speaker's voice, music program or audio service wirelessly up to 1000 feet to a listening audience. Audience participants can use an optional R37, R37-8, R38 or any FM receiver operating on the 72-76 MHz frequency to pick up the broadcast. The speaker simply connects a microphone with a 3.5mm plug into the unit to broadcast their voice. Unit also can connect to a sound system through a line-level (RCA) jack to broadcast music or other audio service. Meets Americans with Disabilities Act (ADA) accessibility requirements. System includes (1) ANT 021 antenna, (1) TFP 036 power supply, (1) WCA 013 audio cable.
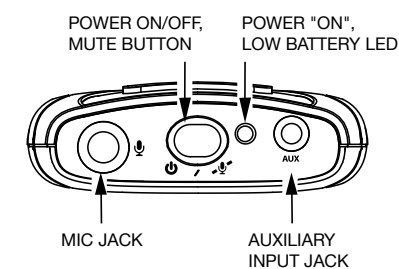

PPA T46 FM Body-pack Transmitter

PPA T46

Portable, FM transmitter will broadcast a speaker's voice or audio program on one of 17 available channels, 72-76 MHz, to listeners using Williams Sound R37, R37-8 or R38 receivers.
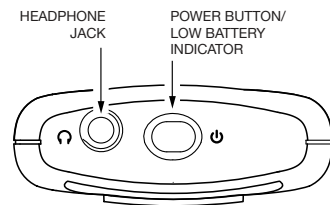The unit features flexible microphone and auxiliary input jacks, push-button on/off/mute controls, channel lock and selectable compression. The T46 has the ability to operate in dual-channel mode, allowing the user to easily switch between two different transmitting channels, each with its own set up parameters. An OLED screen displays current operating status and menu information. Operates up to 30 hours on two AA alkaline or (optional) rechargeable batteries. Range of up to 150 feet (46m). System includes (1) BAT 001-2 AA alkaline batteries, (1) CLP 023 belt clip case, (1) WCA 087 audio cable. No microphone.

POWER ON/OFF, MUTE BUTTON

POWER "ON", LOW BATTERY LED

MIC JACK

AUXILIARY INPUT JACK

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

FM R38 FM Body-pack Receiver (with OLED display)

FM R38

Multi-channel receiver with high-resolution OLED screen. Quick view of receiver status and immediate entry to all user settings. On-screen channel selection with easy access to 17 pre-set, wide-band frequencies (72-76 MHz). Compatible with all Williams Sound 72-76 MHz wide-band transmitters. Digitally synthesized for exceptional audio clarity and stability. Digital tuning, digital squelch and battery-saving sleep mode. New stereo jack paired with the mono jack adds compatibility with variety of earphones/headphones. Rechargeable ready. Bundle includes (1) EAR 022 surround earphone and (1) BAT 001-2 AA alkaline battery.
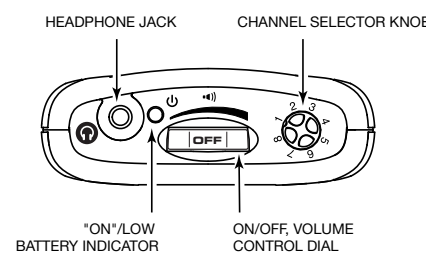
HEADPHONE JACK   POWER BUTTON/ LOW BATTERY INDICATOR

PPA R38N

Includes: (1) belt clip and (1) stereo plug. No batteries. No earphone.
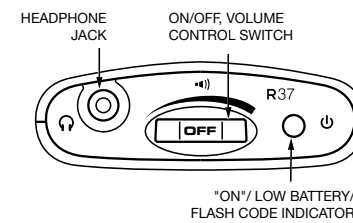
PPA R37-8N FM Body-pack Receiver

PPA R37-8N

Rotary selection knob for easy access to eight pre-set wide-band frequencies (72-76 MHz). Battery-saving sleep mode. Compatible with all Williams Sound 72-76 MHz wide-band transmitters. Digitally synthesized for exceptional audio clarity and stability. Versatile 3.5mm stereo/mono jack allows for a variety of earphone / headphone options, and is neckloop / telecoil-equipped hearing aid compatible. System includes (1) belt clip. No batteries. No earphone.

HEADPHONE JACK   CHANNEL SELECTOR KNOB

"ON"/LOW BATTERY INDICATOR   ON/OFF, VOLUME CONTROL DIAL

FM R37 FM Body-pack Receiver

FM R37

Seek-button channel selection with access to 17 pre-set, wideband frequencies (72-76 MHz). Offers sleep mode, low-battery indicator and stereo headphone jack. Compatible with all Williams Sound 72-76 MHz wide-band transmitters. Digitally synthesized for exceptional audio clarity and stability. Versatile 3.5mm stereo/mono jack allows for a variety of earphone / headphone options, and is neckloop/telecoil-equipped hearing aid compatible. Bundle includes (1) EAR 022 surround earphone and (1) BAT 001-2 AA alkaline battery.

HEADPHONE JACK   ON/OFF, VOLUME CONTROL SWITCH

R37

"ON"/ LOW BATTERY/ FLASH CODE INDICATOR

PPA R37

Includes (1) EAR 013 single mini earbud and (1) BAT 001-2 AA alkaline battery.

PPA R37-00

Same as PPA R37 — except no earbud.

PPA R37 HD

Same as PPA R37 — includes HED 021 folding headphones.

PPA R37N

Same as PPA R37 — except no batteries or earbuds.

PPA R37-12 PRO

FM Receiver Kit. System includes (12) PPA R37N receivers with rechargeable batteries, (12) EAR 022 surround earphones, (1) CHG 3512 PRO drop-in charger with case.

PPA R37-20

FM Receiver Kit. System includes (20) PPA R37N receivers with batteries, (20) EAR 022 surround earphones.

FM Assistive Listening Systems (with R37 Receivers)

This large-area, installed system features the FM T45 transmitter with multiple digital audio input options, and an OLED display with easy-to-manage menu navigation. Features three powerful microprocessors and the same high-quality audio and RF performance you've come to expect from Williams Sound. With an operating range of up to 1,000 feet, it's ideal for large venues where superior coverage is essential. This complete turn-key solution includes R37 receivers, each featuring seek-button channel selection with access to 17 available channels (72-76 MHz).

All systems include: (1) Whip Antenna, (1) Audio Cable, (1) Power Supply, (1) Main Power Line Cord (U.S.) and (1) ADA Wall Plaque.

457 SYSTEMS

	FM T45 NET D Transmitter	FM T45 Transmitter	BAT 001-2 AA Batteries	BAT 026-2 AA Rechargeable Batteries	BAT KT6 Two-bay Charger with (2) BAT 026-2	CHG 3512 12-bay Charger	NKL 001 Neckloop	EAR 022 Surround Earphone	ANT 005 Coaxial Antenna	RPK 005 Rack Panel Kit
4-RECEIVER SYSTEMS										
FM 457	·	1	4	·	·	·	2	4	·	·
FM 457 PRO	·	1	·	·	2	·	2	4	1	1
FM 457 Net D PRO	1	·	·	·	2	·	2	4	1	1
12-RECEIVER SYSTEMS										
FM 457-12	·	1	12	·	·	·	3	12	·	·
FM 457-12 PRO	·	1	·	12	·	1	3	12	1	1
FM 457-12 Net D PRO	1	·	·	12	·	1	3	12	1	1
24-RECEIVER SYSTEMS										
FM 457-24	·	1	24	·	·	·	6	24	·	·
FM 457-24 PRO	·	1	·	24	·	2	6	24	1	1
FM 457-24 Net D PRO	1	·	·	24	·	2	6	24	1	1

FM Assistive Listening Systems (with R38 Receivers)

This large-area, installed system features the FM T45 transmitter with multiple digital audio input options, and an OLED display with easy-to-manage menu navigation. Features three powerful microprocessors and the same high-quality audio and RF performance you've come to expect from Williams Sound. With an operating range of up to 1,000 feet, it's ideal for large venues where superior coverage is essential. This complete turn-key solution includes R38 receivers, each featuring an OLED display and on-screen channel selection with access to 17 available channels (72-76 MHz).

All systems include: (1) Whip Antenna, (1) Audio Cable, (1) Power Supply, (1) Main Power Line Cord (U.S.) and (1) ADA Wall Plaque.

458 SYSTEMS

	FM T45 NET D Transmitter	FM T45 Transmitter	BAT 001-2 AA Batteries	BAT 026-2 AA Rechargeable Batteries	BAT KT6 Two-bay Charger with (2) BAT 026-2	CHG 3512 12-bay Charger	NKL 001 Neckloop	EAR 022 Surround Earphone	ANT 005 Coaxial Antenna	RPK 005 Rack Panel Kit
4-RECEIVER SYSTEMS										
FM 458	·	1	4	·	·	·	2	4	·	·
FM 458 PRO	·	1	·	·	2	·	2	4	1	1
FM 458 Net D PRO	1	·	·	·	2	·	2	4	1	1
12-RECEIVER SYSTEMS										
FM 458-12	·	1	12	·	·	·	3	12	·	·
FM 458-12 PRO	·	1	·	12	·	1	3	12	1	1
FM 458-12 Net D PRO	1	·	·	12	·	1	3	12	1	1
24-RECEIVER SYSTEMS										
FM 458-24	·	1	24	·	·	·	6	24	·	·
FM 458-24 PRO	·	1	·	24	·	2	6	24	1	1
FM 458-24 Net D PRO	1	·	·	24	·	2	6	24	1	1

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INTERPRETATION
ACCESSORIES

PPA VP 37 Value Pack — FM Assistive Listening System

DESCRIPTION

Large-area FM assistive listening system is ideal for portable applications.

QTY	SYSTEM INCLUDES
1	**PPA T27** Transmitter
4	**PPA R37** Receivers
4	**EAR 013** Single Mini Earbuds
2	**NKL 001** Neckloops
4	**BAT 001-2** AA Alkaline Batteries
1	**ANT 021** Antenna
1	**IDP 008** ADA Wall Plaque
1	**TFP 036** Power Supply

PPA VP 37	

PPA VP 37-00	

Same as PPA VP 37 — except no earphones or neckloops

FM ADA KIT 1 FM ADA Compliance Kit

DESCRIPTION

This compact, economical ADA compliance kit transmits audio to two listeners in portable applications. Ideal starter kit.

QTY	SYSTEM INCLUDES
1	**PPA T27** Transmitter
2	**PPA R37** Receivers
2	**EAR 013** Single Mini Earbuds
2	**NKL 001** Neckloops
2	**BAT 001-2** AA Alkaline Batteries
1	**IDP 008** ADA Wall Plaque

FM ADA KIT 1	

FM ADA KIT 37 FM ADA Compliance Kit

DESCRIPTION

This ADA compliance kit is ideal for one presenter and up to four listeners in portable applications.

QTY	SYSTEM INCLUDES
1	**PPA T46** Transmitter
4	**PPA R37** Receivers
1	**MIC 049** Omnidirectional Conference Microphone
1	**MIC 090** Mini Lapel Microphone
4	**HED 027** Headphones
2	**NKL 001** Neckloop
5	**BAT 001-2** AA Alkaline Batteries
1	**IDP 008** ADA Wall Plaque
1	**CCS 029** System Carry Case with Applicable Foam Insert

FM ADA KIT 37	

FM ADA KIT 37 RCH	

Includes (1) BAT KT6 drop-in charger kit.

TGS PRO 737 FM Tour Guide System (with FM R37 receivers)

DESCRIPTION

Lightweight, single-channel tour guide system.
72-76MHz. Earphones or headphones sold separately.

QTY	SYSTEM INCLUDES
1	**PPA T46** Transmitter
10	**PPA R37N** Receivers
1	**MIC 100** Microphone
11	**BAT 001-2** AA Alkaline Batteries
1	**CCS 030 S** System Carry Case with Applicable Foam Insert

TGS PRO 737

TGS PRO MULTI FM Tour Guide System (with FM R37-8 receivers)

DESCRIPTION

Lightweight, single-channel tour guide system.
72-76MHz. Earphones or headphones sold separately.

QTY	SYSTEM INCLUDES
1	**PPA T46** Transmitter
10	**PPA R37-8N** Receivers
1	**MIC 100** Microphone
11	**BAT 001-2** AA Alkaline Batteries
1	**CCS 030 S** System Carry Case with Applicable Foam Insert

TGS PRO MULTI

TGS PRO 738 FM Tour Guide System (with FM R38 receivers)

DESCRIPTION

Lightweight, single-channel tour guide system.
72-76MHz. Earphones or headphones sold separately.

QTY	SYSTEM INCLUDES
1	**PPA T46** Transmitter
10	**PPA R38N** Receivers
1	**MIC 100** Microphone
11	**BAT 001-2** AA Alkaline Batteries
1	**CCS 030 S** System Carry Case with Applicable Foam Insert

TGS PRO 738

INFRARED

Your audience is waiting. The pressure is on. Communicate your message without sacrificing security or sound quality. Infrared listening technology from Williams Sound ensures peace of mind, every time. From courtrooms to conferences, from retrofit to new construction, Williams Sound has complete, turn-key solutions to meet your facility's needs for hearing assistance, simultaneous interpretation, audio description or secure listening services.

· Easy to install

· Secure – transmission confined within opaque walls

· Accommodates multiple adjacent rooms without spillover

· Integrates easily with existing sound systems

· Legal for use in any country

· Up to four simultaneous channels available

· Five-year warranty

· Stylish design discreetly integrates with environment aesthetics.

These wireless systems utilize infrared light to carry audio to individuals needing auditory assistance or language interpretation to overcome background noise, reverberation and distance from the sound source. Ideal for mid-range to large-area group-listening scenarios. Individuals use personal infrared receivers anywhere within the coverage area to hear crystal-clear sound directly from the sound source.
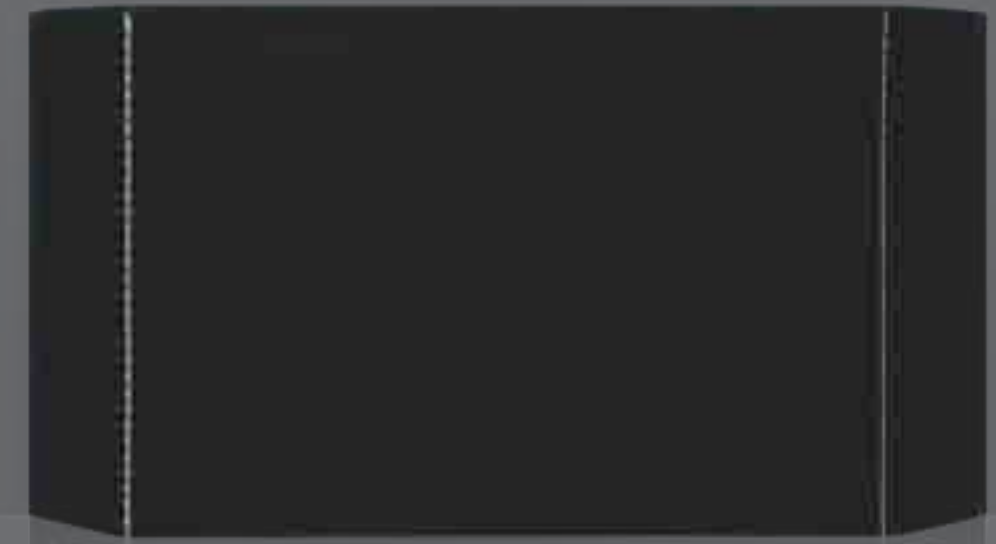
ADA / Global Disability Legislation
C O M P L I A N T

SYSTEM COMPONENTS

Infrared Transmitters | Emitters

The NEW IR T1 small-area infrared transmitter is sleek, compact and ideal as an assistive listening system or for private TV listening in small conference rooms, hospital rooms, assisted living facilities, medical treatment centers and jury deliberation rooms. So energy efficient, it can be powered from a standard USB port on a TV. Coverage area of up to 1000 square feet.

The powerful WIR TX90 DC two-channel infrared transmitter features an all-in-one modulator and emitter, operating on switchable carrier frequencies of 2.3/2.8 MHz or 3.3/3.8 MHz. Provides up to 28,000 square feet of coverage. Energy Star Compliant.

The WIR TX75 infrared transmitter features optional power-over-ethernet (POE) capability, giving users the option to remotely power it from a distance of up to 100 feet. The transmitter offers the flexibility of Phoenix Contact® connector audio inputs and an improved range of up to 12,000 square feet.

WI-FI

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LOOP

INTERPRETATION

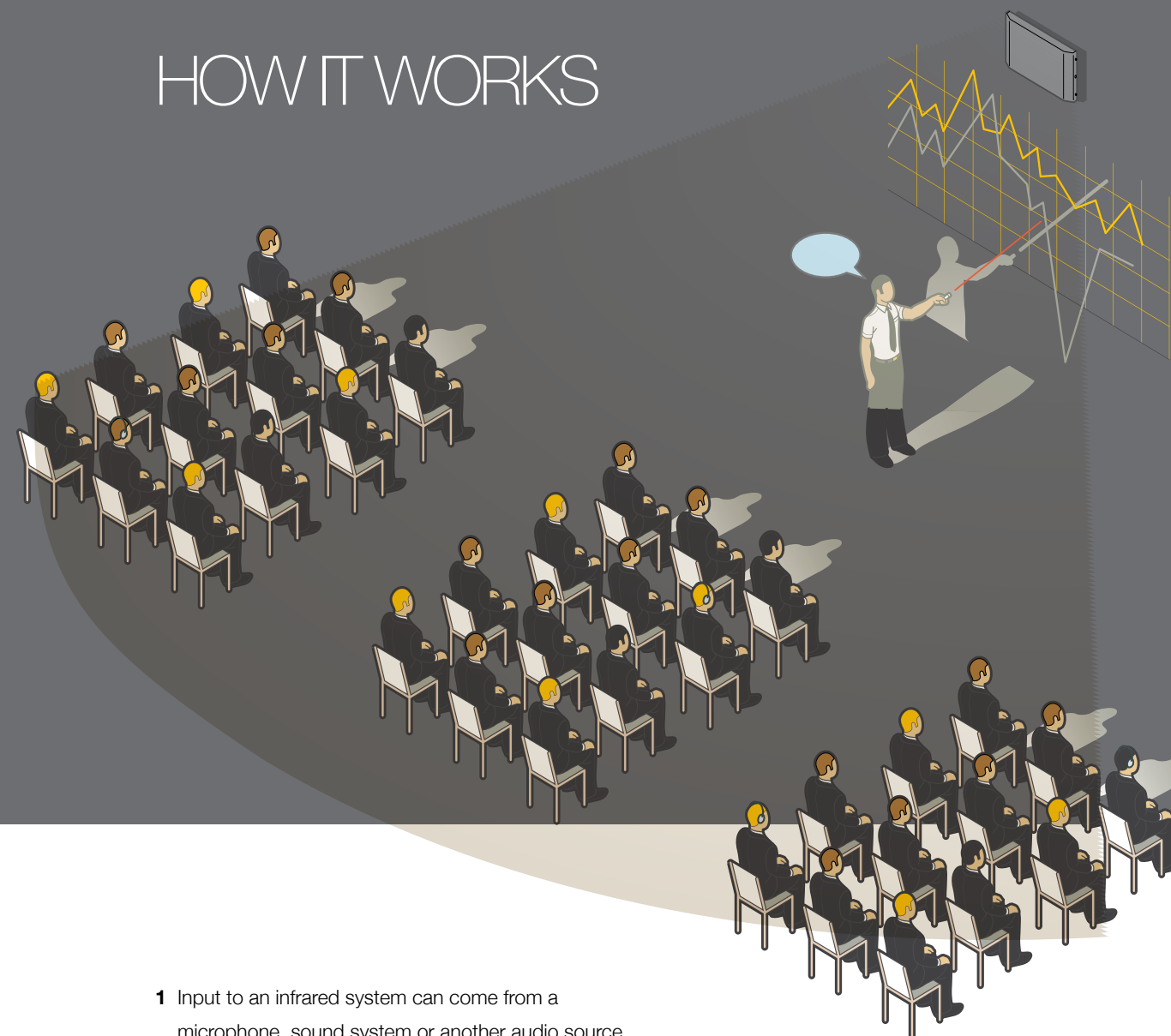ACCESSORIES

SYSTEM COMPONENTS

Infrared Receivers

WIR RX22-4 is a four-channel selectable, infrared receiver compatible with transmitters operating on the 2.3/2.8/3.3/3.8 MHz bandwidth. Considered best in class, the highly receptive RX22-4 offers a range of up to 28,000 square feet (2,600 square meters) in single-channel mode.

WIR RX18 is a two-channel infrared receiver designed for use with a transmitter operating on 2.3/2.8 MHz, in single-channel or stereo mode. Range of up to 3,063 square feet (285 square meters) in single-channel mode. Rechargeable only (use with CHG 518).
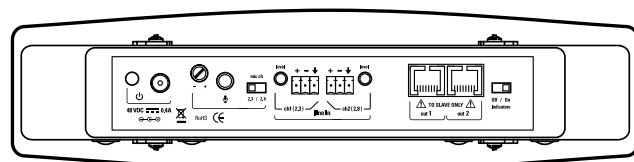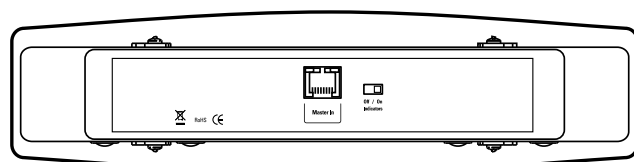
HOW IT WORKS

1 Input to an infrared system can come from a microphone, sound system or another audio source. Here, the presenter speaks to participants using an existing microphone. This audio input produces an electrical signal which contains the audio information.

2 This electrical signal is then fed to the infrared modulator, which prepares the signal for infrared transmission. The processed signal is then fed to the emitter, which produces the invisible infrared light and radiates it into the room.

3 Infrared receivers convert the infrared light back to audio. Participants requiring hearing assistance each use an infrared receiver to listen to the presenter.

WORKS LIKE A FLASHLIGHT

Think of infrared emitters as a beam of invisible light. Emitters are available in different sizes, depending on the area of coverage and number of channels required. In some applications, multiple emitters are used to ensure even coverage of the light, so users do not experience blind spots.

WI-FI

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INFRARED

LOOP

INTERPRETATION

ACCESSORIES

WIR TX75 C / WIR TX75 D

WIR TX75-S

WIR TX75 Transmitters Mid-Range Infrared Transmitter

DESCRIPTION

The sleek and stylish WIR TX75 transmitter is designed to maximize coverage area up to 12,000 square feet in single-channel mode when using the WIR RX22-4 receiver. Available in C (2.3/2.8 MHz) and D (3.3/3.8 MHz) models. Two WIR TX75 S slave emitters can be added for additional coverage of up to 12,000 square feet each (36,000 square feet total), when mounted up to 100 feet from the master. A single CAT5 cable carries both power and signal to the slaves. Mounting bracket and power supply are included.

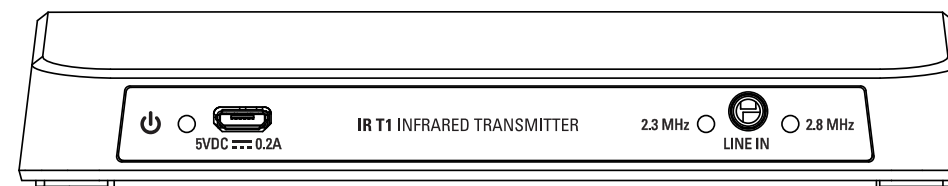### IR TX75 Transmitter Models

WIR TX75 C

Mid-range Infrared Transmitter operating on 2.3/2.8 MHz

WIR TX75 D

Mid-range Infrared Transmitter operating on 3.3/3.8 MHz

WIR TX75 S

Mid-range Infrared Slave Emitter for WIR TX75

IR T1 Transmitters Small-Area Infrared Transmitter

DESCRIPTION

NEW small-area infrared transmitter is ideal for use as a small-area assistive listening system or for private TV listening in small conference rooms, hospital rooms, assisted living facilities, medical treatment centers and/or jury deliberation rooms. High-efficiency LEDs display power status and audio input. Available with tripod mount or optional flat panel TV mounting bracket. Power with A/C power supply or standard USB port on a TV. Plug-and-play install with 3.5MM audio input. One- or two-channel operation (2.3 and 2.8 MHz). Provides coverage area of up to 1000 square feet. System includes (1) IR T1 small-area infrared transmitter, (1) TFP 055 power supply, (1) WCA 106 - 6' USB micro cable (USB 2.0 to USB micro), (1) WCA 124 adapter cable (3.5mm F to RCA).

IR T1

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LOOP

INTERPRETATION

ACCESSORIES

WIR TX9 DC | WIR TX9 DC WHT Two-channel Infrared Emitter

Large-area, multi-channel infrared emitter (2.3/2.8/3.3/3.8 MHz). Black or white housing and lens. System includes (1) WIR TX9 DC infrared emitter, (1) BKT 024 mounting bracket, (1) TFP 053 power supply, (1) WCA 084 coaxial cable, (1) WCA 123 50' power cable. Replaces WIR TX9.

WIR TX90 DC | WIR TX90 DC WHT Two-channel Infrared Modulator/Emitter

Large-area, two-channel infrared modulator/emitter (2.3/2.8/3.3/3.8 MHz). Black or white housing and lens. System includes (1) WIR TX90 DC infrared transmitter, (1) BKT 024 mounting bracket, (1) IDP 008 ADA wall plaque, (1) TFP 053 power supply, (1) WCA 123 50' power cable. Replaces WIR TX90.

MOD 232 Two-channel Infrared Modulator

Each microprocessor-controlled MOD 232 modulator handles two audio channels. Baseband outputs can daisy-chain two MOD 232s together for four-channel operation. Flexible combination jacks permit balanced/unbalanced line-level inputs. Carrier frequencies are controlled by the microprocessor and frequency synthesizer for rock-solid frequency control. The MOD 232 is used with the TX9 DC emitters.
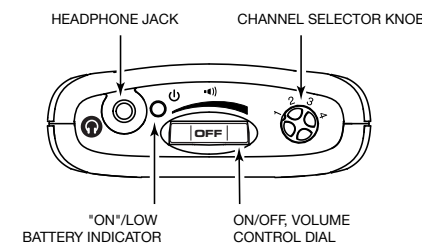
IR RX18 Two-channel Stethoset Infrared Receiver

The WIR RX18 is a two-channel infrared receiver designed for use with a transmitter operating on 2.3 / 2.8 MHz, in single channel or stereo. This easy-to-operate, stethoset-style receiver is ideal for listening applications where excellent sound quality is essential. Range of up to 3,063 square feet (285 square meters) in single-channel mode. Lightweight, comfortable, easy-to-clean and rechargeable (with CHG 518 five-bay charger).

IR RX22-4N Four-channel Infrared Receiver

The WIR RX22-4 is a four-channel selectable, infrared receiver compatible with transmitters operating on the 2.3/2.8/3.3/3.8 MHz bandwidth. Range of up to 28,000 square feet (2,600 square meters) in single-channel mode. Convenient channel selector and easy on/off volume control. Can be used with mono or stereo headphones / earphones / neckloops.

HEADPHONE JACK   CHANNEL SELECTOR KNOB

"ON"/LOW BATTERY INDICATOR   ON/OFF, VOLUME CONTROL DIAL

WI-FI

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LOOP

INTERPRETATION

ACCESSORIES

IR SY1 Small-area Infrared System

DESCRIPTION

NEW small-area infrared system is ideal for use as a small-area assistive listening system or for private TV listening in small conference rooms, hospital rooms, assisted living facilities, medical treatment centers and/or jury deliberation rooms. High-efficiency LEDs display power status and audio input. Power with A/C power supply or standard USB port on a TV. Plug-and-play install with 3.5MM audio input. One- or two-channel operation (2.3 and 2.8 MHz). Provides coverage area of up to 1000 square feet.

QTY	SYSTEM INCLUDES		
1	**IR T1** Infrared Transmitter	1	**STD 008** Flat-panel TV Mounting Bracket
1	**WIR RX22-4N** Receiver	1	**TFP 055** Power Supply
1	**HED 021** Headphone	1	**WCA 106** USB Micro Cable, 6ft. (USB 2.0 to USB micro)
1	**BAT 001-2** AA Alkaline Batteries	1	**WCA 124** Adapter Cable (3.5mm F to RCA)
IR SY1			

IR SY2 Small-area Infrared System

DESCRIPTION

NEW small-area infrared system ideal for use as a small-area assistive listening system or for private TV listening in small conference rooms, hospital rooms, assisted living facilities, medical treatment centers and/or jury deliberation rooms. High-efficiency LEDs display power status and audio input. Power with A/C power supply or standard USB port on a TV. Plug-and-play install with 3.5MM audio input. One- or two-channel operation (2.3 and 2.8 MHz). Provides coverage area of up to 1000 square feet.

QTY	SYSTEM INCLUDES		
1	**IR T1** Infrared Transmitter	1	**STD 008** Flat-panel TV Mounting Bracket
2	**WIR RX22-4N** Receivers	1	**TFP 055** Power Supply
2	**HED 027** Headphones	1	**WCA 106** USB Micro Cable, 6ft. (USB 2.0 to USB micro)
1	**BAT KT6** Rechargeable Kit	1	**WCA 124** Adapter Cable (3.5mm F to RCA)
IR SY2			

IR SY3 Small-area Infrared System (12-pack)

DESCRIPTION

NEW 12-pack, small-area infrared system for 12 small listening areas in a facility.

QTY	SYSTEM INCLUDES		
12	**IR T1** Infrared Transmitters	12	**WCA 106** USB Micro Cables, 6ft. (USB 2.0 to USB micro)
12	**TFP 055** Power Supplies	12	**WCA 124** Adapter Cables (3.5mm F to RCA)
IR SY3			

WI-FI
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ACCESSORIES

WIR SYS 7518 PRO Mid-range Infrared System (with WIR RX18 receivers)

DESCRIPTION

Mid-range infrared listening system for up to five listeners. Ideal for use in mid-size conference rooms, courtrooms and classrooms. Coverage up to 12,000 square feet (1115 square meters).

QTY	SYSTEM INCLUDES		
1	**WIR TX75 C** Transmitter/Modulator	1	**BKT 024** Wall / Ceiling Mount
1	**WIR TX75 S** Slave Emitter	1	**IDP 008** ADA Wall Plaque
5	**WIR RX18** Stethoset Receivers	1	**MLB 003** Slave Linking Bar
1	**CHG 518** Charger		
WIR SYS 7518 PRO			

WIR SYS 7522 PRO Mid-range Infrared System (with WIR RX22-4 receivers)

DESCRIPTION

Mid-range infrared listening system for up to three listeners. Ideal for use in mid-size conference rooms, courtrooms and classrooms. Coverage up to 12,000 square feet (1115 square meters).

QTY	SYSTEM INCLUDES		
1	**IR TX75 C** Transmitter/Modulator	3	**BAT 001-2** AA Alkaline Batteries
3	**WIR RX22-4N** Receivers	1	**BKT 024** Wall / Ceiling Mount
3	**HED 021** Headphones	1	**IDP 008** ADA Wall Plaque
2	**NKL 001** Neckloops		
WIR SYS 7522 PRO			

System includes IDP 008 ADA Wall Plaque

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

WIR SYS 75P PRO Infrared Jury Deliberation Room System

DESCRIPTION

Portable, mid-range infrared listening system. Meets ADA compliance for jury deliberation rooms.

QTY	SYSTEM INCLUDES		
1	**WIR TX75 C** Transmitter/Modulator	2	**BAT 001-2** AA Alkaline Batteries
2	**WIR RX22-4** Receivers	1	**IDP 008** ADA Wall Plaque
1	**MIC 049** Omnidirectional Conference Microphone	1	**STD 007** Table-top Tripod
2	**EAR 022** Surround Earphones	1	**CCS 030 S** System Carry Case with Applicable Foam Insert
2	**NKL 001** Neckloops		
WIR SYS 7522 PRO			

WIR TX925 | WIR TX925 WHT Large-area, Two-channel Infrared System

DESCRIPTION

Large-area, two-channel infrared listening system. Ideal for use in large facilities that have hearing assistance, language interpretation or audio description needs. Coverage up to 30,000 square feet (2,787 square meters) in single-channel mode. Available in black or white.

QTY	SYSTEM INCLUDES		
1	**WIR TX9 DC** Emitter	1	**MOD 232** Modulator
WIR TX925			

WIR SYS 1 | WIR SYS 1 WHT Large-area, Two-channel Infrared System

DESCRIPTION

Large-area, two-channel infrared listening system. Ideal for use in large facilities that have hearing assistance, language interpretation or audio description needs. Coverage up to 30,000 square feet (2,787 square meters) in single-channel mode. Available in black or white.

QTY	SYSTEM INCLUDES		
1	**WIR TX9** DC Emitter	4	**BAT 001-2** AA Alkaline Batteries
1	**MOD 232** Modulator	1	**BKT 024** Bracket
4	**WIR RX22-4** Receivers	1	**IDP 008** ADA Wall Plaque
4	**HED 021** Headphones	1	**RPK 005** Rack Panel Kit
2	**NKL 001** Neckloops		
WIR SYS 1			

System includes IDP 008 ADA Wall Plaque

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

WIR SYS 3 | WIR SYS 3 WHT Large-area, Two-channel Infrared System
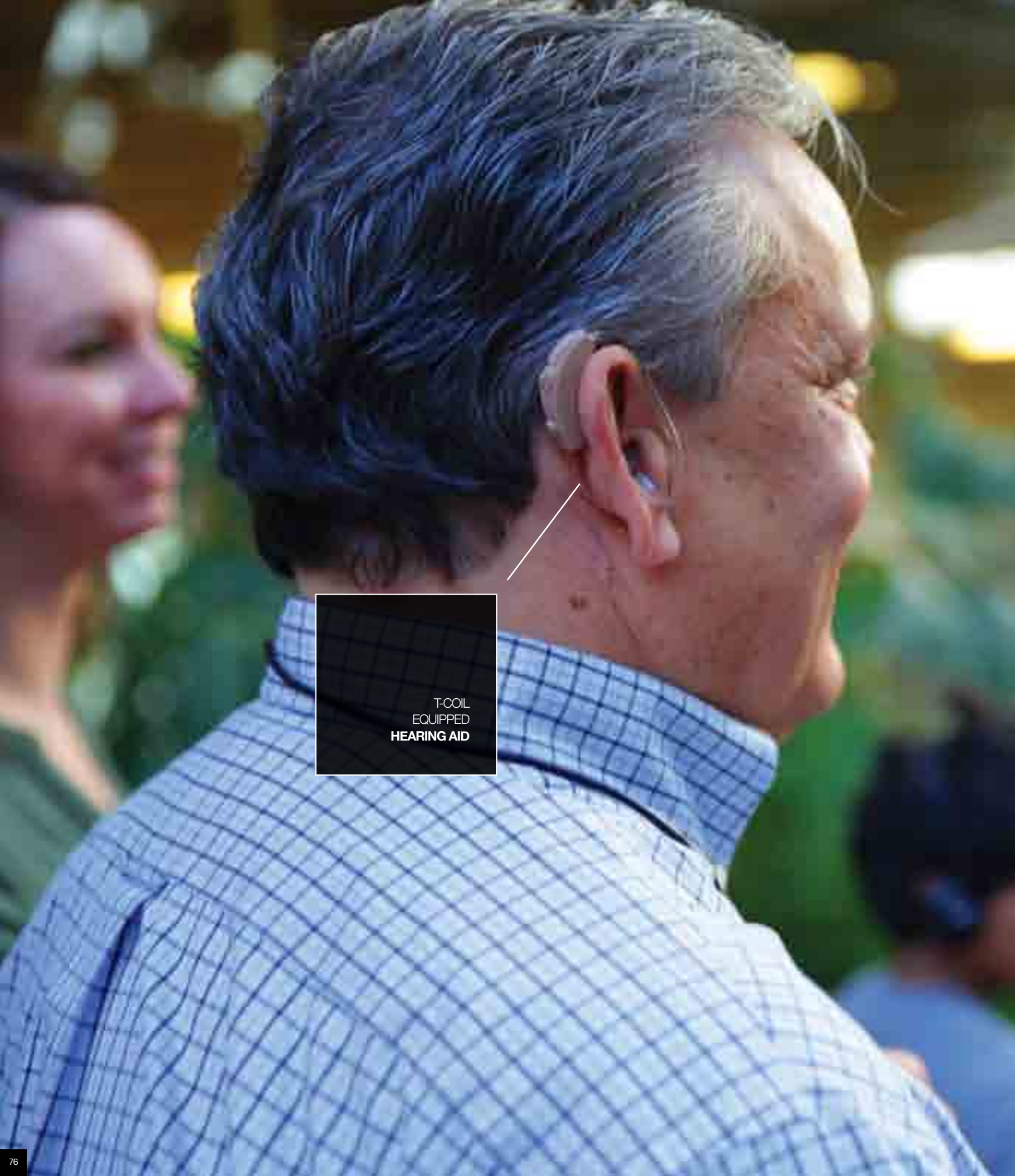
DESCRIPTION	

Large-area, two-channel infrared listening system. Ideal for use in large facilities that have hearing assistance, language interpretation or audio description needs. Coverage up to 30,000 square feet (2,787 square meters) in single-channel mode. Available in black or white.

QTY	SYSTEM INCLUDES		
1	**WIR TX9** DC Emitter	1	**CHG 518** Five-bay Charger
1	**MOD 232** Modulator	1	**BAT 001-2** AA Alkaline Batteries
1	**WIR RX22-4** Receiver	1	**BKT 024** Wall / Ceiling Mount
3	**WIR RX18** Stethoset Receivers	1	**IDP** ADA Wall Plaque
1	**EAR 022** Surround Earphone	1	**RPK 005** Rack Mount Kit
1	**NKL 001** Neckloop		
WIR SYS 3			

WIR SYS 90 ADV | WIR SYS 90 ADV WHT Large-area, Two-channel Infrared System

DESCRIPTION	

Large-area, two-channel, infrared listening system. Ideal for use in large facilities that have hearing assistance, language interpretation or audio description needs. Coverage up to 30,000 square feet (2,787 square meters) in single-channel mode. Available in black or white.

QTY	SYSTEM INCLUDES		
1	**WIR TX90** Transmitter	1	**CHG 518** Five-bay Charger
5	**WIR RX18** Stethoset Receivers	1	**IDP 008** ADA Wall Plaque
WIR SYS 90 ADV			

System includes IDP 008 ADA Wall Plaque

WI-FI

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LOOP

INTERPRETATION

ACCESSORIES

T-COIL
EQUIPPED
HEARING AID

LOOP

Your audience is filling the room… ready to listen, learn and be inspired. From houses of worship to lecture halls to business conferences, induction loop technology from Williams Sound ensures every listener in attendance — including those using T-coil-equipped hearing aids — can hear your message clearly. Our loop systems provide a more inclusive experience for all — complete solutions that help increase intelligibility, enhance user experience, and readily meet your facility's needs for global disability legislation compliance.

· Network control — seamless system set-up, operation and monitoring via laptop. No need to be physically onsite.

· Dante™ audio input option

· IC, RCM, CE and PSE approved

· DSP audio processing for flexible, powerful software control

· Discrete — listeners who use hearing aids tuned for their specific hearing loss do not need a separate receiver.

· Listeners can sit anywhere "in the loop". Number of listeners is limited only by the number that can fit in the "looped" area.

· Can be used in any country — no license requirement

· TechBlue design services and technical expertise keep you on the cutting edge. Digi-Loop simulation helps you explore options before installation.

In simple terms, an induction (hearing) loop system consists of copper wire placed in the appropriate pattern in a listening area, and a loop amplifier connected to an audio source. Audio signals are amplified and circulated through the loop wire. The resulting magnetic energy field is detected and amplified by the "telecoil" common to many hearing aids, cochlear implants and induction loop receivers. The end result is a high-quality amplified production of the original audio signal. Intelligibility is greatly increased because of the following: the distance between the speaker and the listener(s) is bridged, the background environmental noise is reduced, and the hearing aid is tuned to a specific individual's hearing loss is leveraged.

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INFRARED

LOOP

INTERPRETATION

ACCESSORIES

SYSTEM COMPONENTS

Loop Amplifiers

The DL210 NET 2.0 and DL210 NET D 2.0 (with Dante™ audio inputs) amplifiers feature increased coverage and network control capability. DSP audio processing offers flexible, powerful software control of mixing, equalization, compression and loop phase shift — providing greater audio control for superior intelligibility. Potent Class D, pulse-width amplifiers maximize efficiency, and reduce size and weight. Designed for spaces up to 51,000 square feet (4,738 square meters) per amplifier.

The DL107 NET and DL207 NET offer network control capability and optional Dante audio inputs. DSP audio processing provides superior sound quality, and calibration tools offer ease of installation. The DL107 is designed for rooms of up to 15,000 square feet (1,394 square meters), and the DL207 NET for spaces of up to 30,000 square feet (2,787 square meters) per amplifier.
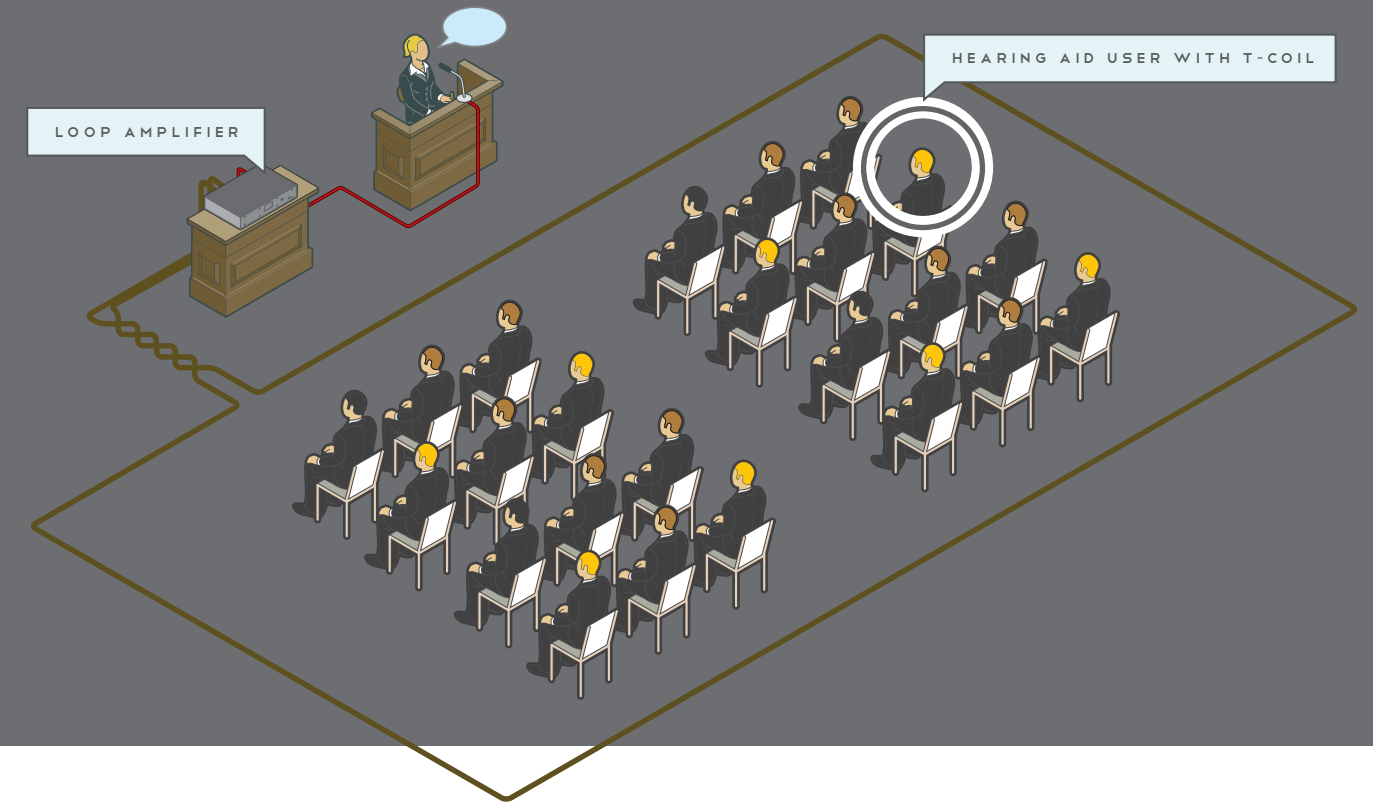
CUSTOM SOLUTIONS

Induction loops are an inherently simple technology. However, each installation is custom and care should be taken (and professional advice sought) in their design and specification. This ensures facility compliance with international standards for coverage and sound quality, and is of optimum benefit to the end user.

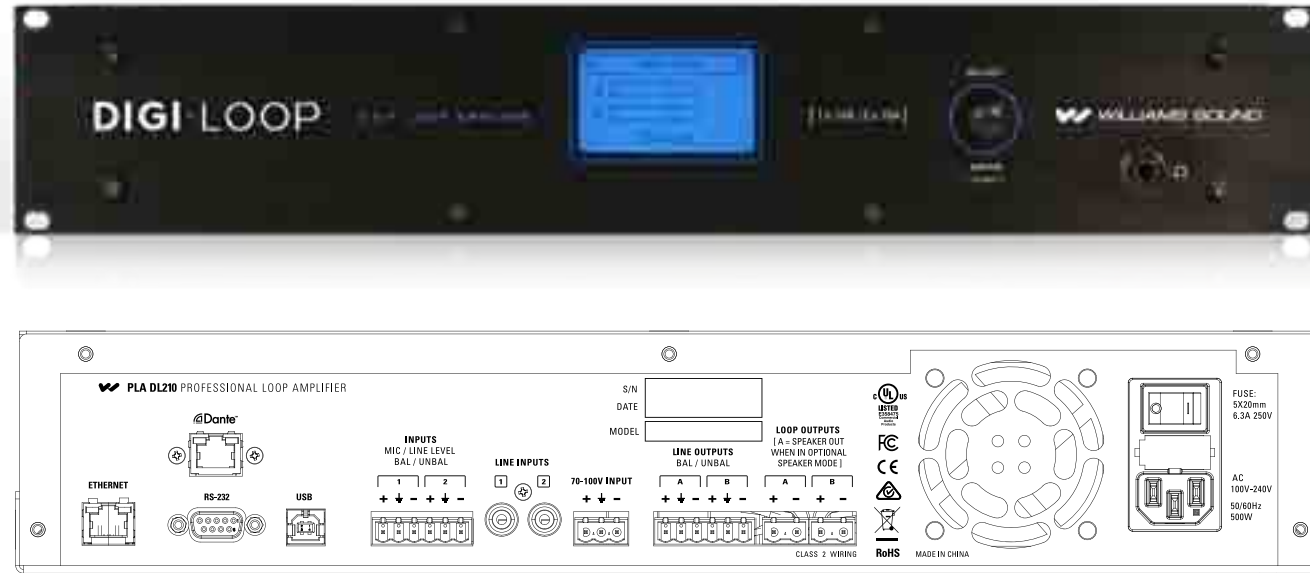Contact our TechBlue team for free consultation and design services.

TechBlue

800.328.6190 ext 780 (Ask for TechBlue) | TechBlue@williamssound.com

HOW IT WORKS

LOOP AMPLIFIER

HEARING AID USER WITH T-COIL

1 A sound source — such as a voice, TV or other audio system — is captured using a microphone or via a line-out connection.

2 The sound signal is then connected to an induction loop amplifier. This generates a current to pass the signal to an induction loop, usually made of copper tape or wire.

3 The copper wire induction loop covers the area where the listening audience is located and produces a magnetic field.

4 The magnetic field is picked up by the Telecoil (T-coil) inside the hearing aid or receiver by an audience member who has difficulty hearing.

5 The hearing aid receiver tailors the sound to the specific needs of the individual. Sound is delivered directly into the ear canal, without background noise and with the full spectrum of sound frequencies required for intelligibility.
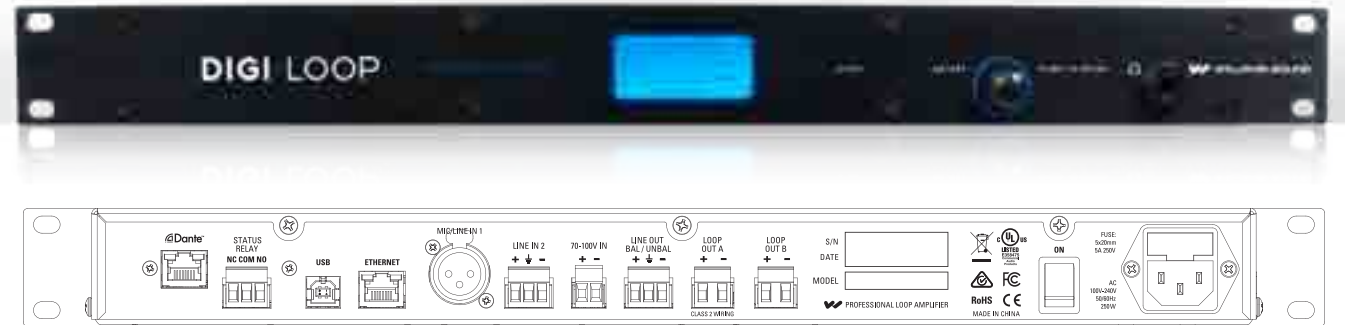
DESCRIPTION

Large-area induction loop amplifier (48-volt) features increased coverage, network control capability and an optional Dante digital input. DSP audio processing offers flexible, powerful software control of mixing, equalization, compression and loop phase shift. Potent Class D, pulse-width amplifiers maximize efficiency, and reduce size and weight. Dual-amplifier design offers impressive flexibility, with the option of a single 12A output for large perimeter loops, or dual 10A outputs for phased-array loops. Capable of powering a loop and a speaker.

DL 210 Induction Loop Amplifiers

DL 210 NET D 2.0

Induction Loop Amplifier with Network Control, Crestron Connectivity and Dante Input

DL 210 NET 2.0

Induction Loop Amplifier with Network Control and Crestron Connectivity

DESCRIPTION

Medium-area induction loop amplifier with network control capability and Dante audio input. DSP audio processing provides superior sound quality, and calibration tools offer ease of installation. Offers audio override, a pink noise generator, and the option of local or PC app configuration. Single-output (9.5 amps). Ideal for perimeter and single-array applications. Single-room applications -- conference rooms, classrooms, and small churches.

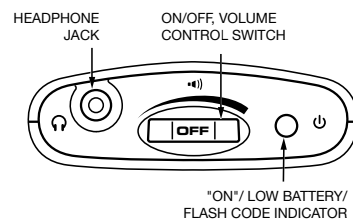### DL 107 Induction Loop Amplifiers

DL 107 NET D

Induction Loop Amplifier with Network Control and Dante Input

DL 107 NET

Induction Loop Amplifier with Network Control

DL 207 Induction Loop Amplifiers

DL 207 NET D

Induction Loop Amplifier with Network Control and Dante Input

DL 207 NET

Induction Loop Amplifier with Network Control

LOOP **RECEIVERS**

LOOP **SYSTEMS**

WI-FI

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INFRARED

LOOP

INTERPRETATION

ACCESSORIES

PLR BP1 Induction Loop Body-pack Receiver

2

Simple and convenient to use, this induction loop receiver is designed for use in induction-looped areas by listeners who do not wear T-coil-equipped hearing aids. Compatible with all IEC60118-4 compliant induction loop systems. The PLR BP1 receiver is compatible with the optional CHG 3512 and CHG 3502 drop-in chargers. No batteries or earphones included.

HEADPHONE JACK
ON/OFF, VOLUME CONTROL SWITCH

"ON"/ LOW BATTERY/ FLASH CODE INDICATOR

PLR FSMP Induction Loop Field Strength Meter

This field strength meter accurately measures the magnetic field strength of induction loop systems, according to IEC 60118-4:2006 and BS 6083, Para. 4. Designed for professional use, the PLR FSMP delivers reliable RMS values on the output level, response frequency, Automatic Gain Control (AGC) function, distortion and background noise in the tested induction loop. In addition, it enables the user to make an acoustic evaluation of the sound via earphones. Two-year warranty.

2

2

DIGI LOOP

DL107 SYS D | DL107 SYS Induction Loop System with Network Control

DESCRIPTION

NEW medium-area system offers DSP audio processing, calibration tools for ease of installation, audio override, pink noise generator, and the option of a local or PC app configuration. Single output (7 amps). Ideal for perimeter and single-array installations.

QTY	SYSTEM INCLUDES
1	**DL107 NET** Induction Loop Amplifier
2	**PLR BP1** Body-pack Receivers
2	**EAR 013** Single Mini Earbuds
1	**BAT KT6** Dual Drop-in Charger Kit and BAT 026-2 AA Rechargeable NiMH Batteries
2	**FWT 001** Flat Wire Warning Tape (2" x 165' Spool)
1	**IDP 009** ADA Wall Plaque
1	**PLW F300** Flat Power Loop Wire (3/4" x 500' Spool. 14-gauge. Flat Copper.)

DL107 SYS D	*Dante*	
DL107 SYS		

System includes IDP 009 ADA Wall Plaque

DL207 SYS D | DL207 SYS Induction Loop System with Network Control

DESCRIPTION

NEW induction loop system with network control and Dante input. Dual output (2x 9.5 amps) for dual-amp or phased array applications.
For mid-sized venues. Now includes Loop Status Sign.

QTY	SYSTEM INCLUDES		
1	**DL207 NET D** Induction Loop Amplifier		
2	**PLR BP1** Body-pack Receivers		
2	**EAR 013** Single Mini Earbuds		
1	**BAT KT6** Dual Drop-in Charger Kit and BAT 026-2 AA Rechargeable NiMH Batteries		
3	**FWT 001** Flat Wire Tape (2" x 165' Spool)		
1	**IDP 009** ADA Wall Plaque		
1	**IDP 013** Loop Status Sign		
1	**PLW F500** Power Loop Wire (3/4" x 500' Spool. 14-gauge. Flat Copper.)		
DL207 SYS D		*Dante*	
DL207 SYS			

DL210 SYS 1 2.0 D | DL210 SYS 1 2.0 Induction Loop System with Network Control

DESCRIPTION

Large-area system offers flexible, powerful software control of mixing, equalization, compression and phase shift. Potent, class D, pulse-width amplifiers maximize efficiency and reduce size and weight. Dual-amplifier design offers the option of a single 12A output for large perimeter loops or dual 10A outputs for phase loop arrays.   Now includes Loop Status Sign.

QTY	SYSTEM INCLUDES		
1	**DL210 NET D 2.0** Induction Loop Amplifier		
2	**PLR BP1** Body-pack Receivers		
2	**EAR 013** Single Mini Earbuds		
1	**BAT KT6** Dual Drop-in Charger Kit and BAT 026-2 AA Rechargeable NiMH Batteries		
1	**IDP 009** ADA Wall Plaque		
1	**IDP 013** Loop Status Sign		
DL210 SYS 1 2.0 D		*Dante*	
DL210 SYS 1 2.0			

System includes IDP 009 ADA Wall Plaque and IDP 013 Loop Status Sign

DL210 SYS 2 2.0 D | DL210 SYS 2 2.0 Induction Loop System with Network Control

DESCRIPTION

Large-area system offers flexible, powerful software control of mixing, equalization, compression and phase shift. Potent, class D, pulse-width amplifiers maximize efficiency and reduce size and weight. Dual-amplifier design offers the option of a single 12A output for large perimeter loops or dual 10A outputs for phase loop arrays.

QTY	SYSTEM INCLUDES
1	**DL210 NET D 2.0** Induction Loop Amplifier
2	**PLR BP1** Body-pack Receivers
2	**EAR 022** Surround Earphones
1	**BAT KT6** Dual Drop-in Charger Kit and BAT 026-2 AA Rechargeable NiMH Batteries
6	**FWT 001** Flat Wire Tape (2" x 165')
1	**IDP 009** ADA Wall Plaque
1	**IDP 013** Loop Status Sign
2	**PLW F500** Power Loop Wire (3/4" x 500'. 14-gauge. Flat Copper.)

DL210 SYS 2 2.0 D	*Dante*	
DL210 SYS 2 2.0		

System includes IDP 009 ADA Wall Plaque and IDP 013 Loop Status Sign

WI-FI

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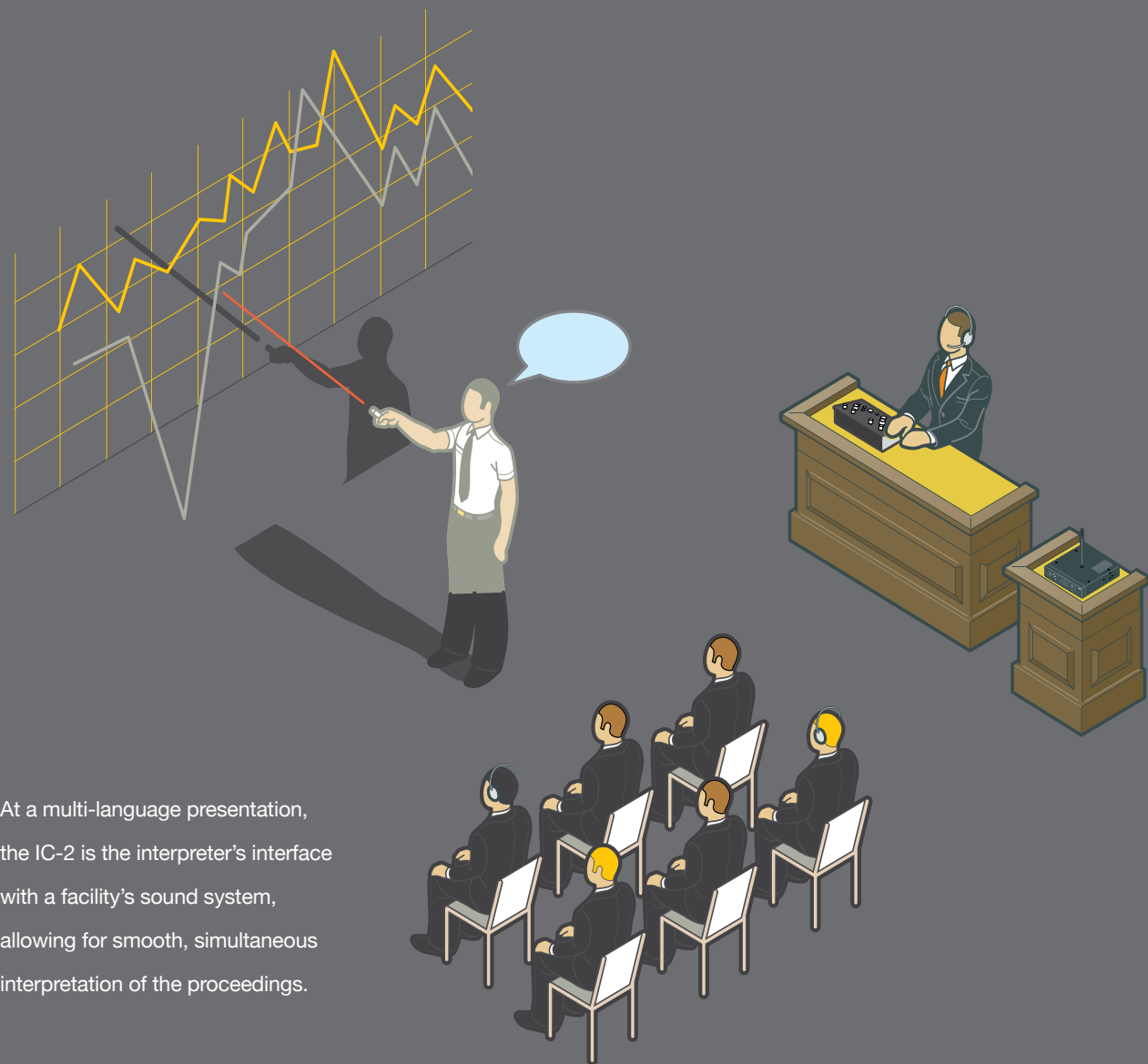INFRARED

LOOP

INTERPRETATION

ACCESSORIES

INTERPRETER CONTROL CONSOLE

The Williams Sound IC-2 is an audio control center for simultaneous interpretation of one or more languages. As an affordable and flexible stand-alone unit, it allows one or two interpreters per console to monitor floor or relay sources, activate microphone inputs, and route the interpretation signal to one of two language groups. Multiple IC-2 consoles can be connected to provide a multi-channel interpretation system. Can be used with Williams Sound FM, infrared, Digi-Wave™ and Wi-Fi transmitters for portable or fixed installations.
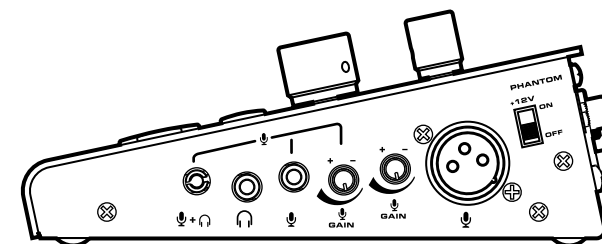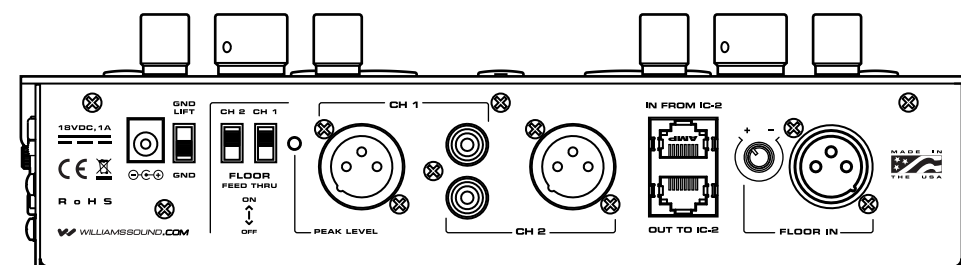
FEATURES

· CAT 5 connectivity offers easy cascading to support additional interpreters.

· Built-in distribution amplifier and mini mixer reduce the need for external equipment and greatly simplify setup.

· Floor language feed-through.

· Selectable mic settings.

· Single relay output.

· Enhanced flexibility, providing each interpreter with multiple microphone and headset options.

· Five-year warranty.

HOW IT WORKS

At a multi-language presentation, the IC-2 is the interpreter's interface with a facility's sound system, allowing for smooth, simultaneous interpretation of the proceedings.

1 Presenter speaks into an existing microphone.

2 Interpreter listens to the presenter's message through the IC-2.

3 Interpreter interprets the message into a second language, speaking into their headset mic.

4 Participants with FM/IR/Digital receivers can select and listen to one of two channels – the floor or the interpreted message.

IC-2 Interpreter Console

DESCRIPTION

Interpreter control console designed to meet international standards for portable interpretation.

IC-2

PART	DESCRIPTON
ADP 010	3.5mm stereo jack to 3.5mm mono plug adapter.
ANT 005	Remote coaxial antenna for use with large-area FM transmitters.
ANT 021	Rubber duckie antenna, screw-to-PCB style connector, for use with large-area FM transmitters.
ANT 024	Dipole wall-mount antenna for use with large-area FM transmitters. 75 Ohm.
ANT 025	Telescoping whip antenna for use with large-area FM transmitters.
ANT 028	Telescoping right-angled whip antenna with F connector for use with large-area FM transmitters.
ANT 029	Rubber duckie antenna, with F connector, mounting bracket and coaxial cable for use with large-area FM transmitters.
ANT 034	Remote antenna kit for RPK 005 / RPK 006 mounting, with RF barrel connector and coaxial cable.
BAT 001-2	Two (2) 1.5-volt AA alkaline batteries.
BAT 010-2	Two (2) 1.5-volt AAA alkaline batteries.
BAT 022-2	Two (2) 1.2-volt AAA rechargeable NiMH batteries.
BAT 026-2	Two (2) 1.2-volt AA rechargeable NiMH batteries.
BAT 100	Replacement battery for Digi-Wave DLT transceivers.
BAT 100 KT	Replacement battery and PLT 012 enclosure opening tool for Digi-Wave DLT transceivers.
BAT AP11A	Rechargeable NiMH battery for WIR RX18 infrared receiver.
BAT KT6	3-volt, dual drop-in charger kit with (1) CHG 3502 dual-bay charger and (2) AA BAT 026-2 rechargeable batteries.
BAT KT6-03	3-volt, dual drop-in charger kit with (1) CHG 3502 dual-bay charger and (2) AA BAT 026-2 batteries. Includes universal power supply.
BKT 024	Omnidirectional wall/ceiling mount for use with WIR TX9 emitter, WIR TX90 transmitter, WIR TX75 transmitter or WIR TX75 S slave emitter.
CCS 029	Small briefcase for FM and/or infrared systems accessory storage (14" x 11" x 8").
CCS 029 DW	Small Digi-Wave briefcase. Holds up to (6) DLT transceivers or DLR receivers, plus accessories.
CCS 030	Large, customizable briefcase with interchangeable pluck foam and receiver dividers. Holds FM or infrared receivers or up to (40) headphones (18" x 7" x 14").
CCS 030 35	Large system carry case for FM or infrared body-pack-style receivers (up to 35 qty).
CCS 030 DW	Large Digi-Wave briefcase. Holds up to (8) DLT transceivers.
CCS 030 DW 16	Large Digi-Wave briefcase. Holds up to (16) DLT transceivers.
CCS 030 DW 40	Large Digi-Wave briefcase. Holds up to (40) DLT transceivers.
CCS 030 S	System carry case. Holds (1) PPA T45 or (1) PPA T27 transmitter plus (12) receivers, or (1) TGS system.

Visit williamssound.com to view specific product details and images.

PART	DESCRIPTON
CCS 036	Receiver carry case. Holds up to (20) FM or infrared receivers.
CCS 042	Large, heavy-duty carry case with pluck foam. Holds up to (48) FM or infrared body-pack transmitters/receivers.
CCS 042 DW	Large, heavy-duty Digi-Wave system carry case. Holds up to (12) DLT transceivers/DLR receivers, plus accessories.
CCS 044 BK	Black silicone skin for Digi-Wave DLT transceiver, with lanyard and wrist strap.
CCS 044 BL	Blue silicone skin for Digi-Wave DLT transceiver, with lanyard and wrist strap.
CCS 044 GN	Green silicone skin for Digi-Wave DLT transceiver, with lanyard and wrist strap.
CCS 044 GR	Grey silicone skin for Digi-Wave DLT transceiver, with lanyard and wrist strap.
CCS 044 RD	Red silicone skin for Digi-Wave DLT transceiver, with lanyard and wrist strap.
CCS 045	Belt clip case for Digi-Wave DLT transceiver or DLR receiver.
CCS 053	Heavy-duty carry case with wheels for large Digi-Wave, FM or infrared system. Includes (2) 60-slot foam inserts. (Replaces CCS 048)
CCS 054	Heavy-duty carry case with wheels for large Digi-Wave, FM or infrared system. Includes: (1) 60-slot foam insert and (1) open-bay foam insert. (Replaces CCS 049)
CCS 060 BK	Black silicone skin for Digi-Wave DLR receiver, with lanyard and wrist strap.
CCS 060 BL	Blue silicone skin for Digi-Wave DLR receiver, with lanyard and wrist strap.
CCS 060 GN	Green silicone skin for Digi-Wave DLR receiver, with lanyard and wrist strap.
CCS 060 GR	Grey silicone skin for Digi-Wave DLR receiver, with lanyard and wrist strap.
CCS 060 RD	Red silicone skin for Digi-Wave DLR receiver, with lanyard and wrist strap.
CHG 1012	12-bay, drop-in charger for Digi-Wave DLT transceivers and/or DLR receivers. Power Supply Included.
CHG 1012-01	12-bay, drop-in charger for Digi-Wave DLT transceivers and/or DLR receivers. Includes Euro power supply.
CHG 1012-02	12-bay, drop-in charger for Digi-Wave DLT transceivers and/or DLR receivers. Includes UK power supply.
CHG 1012-04	12-bay, drop-in charger for Digi-Wave DLT transceivers and/or DLR receivers. Includes AUS power suppply.
CHG 1012-05	12-bay, drop-in charger for Digi-Wave DLT transceivers and/or DLR receivers. Includes Japan power suppply.
CHG 1012 PRO	12-bay, drop-in charger with case for Digi-Wave DLT transceivers and/or DLR receivers. Power Supply Included.
CHG 1012 PRO-01	12-bay, drop-in charger with case for Digi-Wave DLT transceivers and/or DLR receivers. Includes Euro power supply.
CHG 1012 PRO-02	12-bay, drop-in charger with case for Digi-Wave DLT transceivers and/or DLR receivers. Includes UK power supply.
CHG 1012 PRO-04	12-bay, drop-in charger with case for Digi-Wave DLT transceivers and/or DLR receivers. Includes AUS power supply.
CHG 1012 PRO-05	12-bay, drop-in charger with case for Digi-Wave DLT transceivers and/or DLR receivers. Includes Japan power supply.
CHG 102	Two-bay, drop-in charger for Digi-Wave DLT transceivers and/or DLR receivers. Power Supply Included.

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INTERPRETATION
ACCESSORIES

PART	DESCRIPTON
CHG 102-01	Two-bay, drop-in charger for Digi-Wave DLT transceivers and/or DLR receivers. Includes Euro power supply.
CHG 102-02	Two-bay, drop-in charger for Digi-Wave DLT transceivers and/or DLR receivers. Includes UK power supply.
CHG 102-04	Two-bay, drop-in charger for Digi-Wave DLT transceivers and/or DLR receivers. Includes AUS power supply.
CHG 3502	Two-bay, drop-in charger for FM or infrared body-pack transmitters and/or receivers. Power Supply Included.
CHG 3502-03	Two-bay, drop-in charger for FM or infrared body-pack transmitters and/or receivers. Includes universal power supply.
CHG 3512	12-bay, drop-in charger for up to 12 FM or infrared body-pack transmitters and/or receivers. Power Supply Included.
CHG 3512-01	12-bay, drop-in charger for up to 12 FM or infrared body-pack transmitters and/or receivers. Includes Euro power supply.
CHG 3512-02	12-bay, drop-in charger for up to 12 FM or infrared body-pack transmitters and/or receivers. Includes UK power supply.
CHG 3512-04	12-bay, drop-in charger for up to 12 FM or infrared body-pack transmitters and/or receivers. Includes AUS power supply.
CHG 3512 PRO	Multi-bay, drop-in charger with case for FM or infrared body-pack transmitters and/or receivers. Power Supply Included.
CHG 3512 PRO-01	Multi-bay, drop-in charger with case for FM or infrared body-pack transmitters and/or receivers. Includes Euro power supply.
CHG 3512 PRO-02	Multi-bay, drop-in charger with case for FM or infrared body-pack transmitters and/or receivers. Includes UK power supply.
CHG 3512 PRO-04	Multi-bay, drop-in charger with case for FM or infrared body-pack transmitters and/or receivers. Includes AUS power supply.
CHG 518	Five-bay, drop-in charger for WIR RX18 infrared receivers. Includes US/CA/LA power supply.
CHG 518-01	Five-bay, drop-in charger for WIR RX18 infrared receivers. Includes Euro power supply.
CHG 518-02	Five-bay, drop-in charger for WIR RX18 infrared receivers. Includes UK power supply.
CHG 518-04	Five-bay, drop-in charger for WIR RX18 infrared receivers. Includes AUS power supply.
CLP 023	Plastic belt clip for FM and infrared body-pack transmitter and/or receiver.
CLP 090	Clip for MIC 054 mini lapel clip microphone or MIC 090 lapel microphone.
DAC 001	Digital to analog converter.
DW ACC PAC	Single-unit power supply for Digi-Wave DLT transceivers and DLR receivers. Includes: (1) cable and (4) adapters.
EAR 008	Wide-range earphone. Hangs on outside of ear.
EAR 010	Replacement ear pad for EAR 008 wide-range earphone.
EAR 013	Single mini earbud.
EAR 014	Dual mono mini earbud.
EAR 015-10	Earbud replacement pads for EAR 013 and EAR 014 (10-pack).
EAR 015-100	Earbud replacement pads for EAR 013 and EAR 014 (100-pack).

Visit williamssound.com to view specific product details and images.

PART	DESCRIPTON
EAR 022	Surround earphone. Hangs on outside of ear.
EAR 035	Replacement ear pads for HED 027 headphone and MIC 044/MIC 044 2P headset microphones (one pair).
EAR 041	Single isolation earphone.
EAR 042	Dual stereo isolation earphones.
EAR 043	Ear tip replacements for EAR 041 and EAR 042 earphones (one pair).
EAR 044-50	Disposable stereo earbuds for Hearing HotSpot (50- pack). Individually packaged.
EAR 045-100	White sanitary headphone covers. Fits HED 021, HED 024, HED 026 or HED 027 headphones (100-pack).
EAR 045-100 BK	Black sanitary headphone covers. Fits HED 021, HED 024, HED 026 or HED 027 headphones (100-pack).
EAR 055-100	Black sanitary headphone covers for WIR RX15-2 receiver or MIC 068 microphone (100-pack)
EAR 088	Replacement gel ear pads for HED 040 hearing-protector, dual-muff headphone or MIC 088 dual-muff, hard-hat headset microphone (one pair).
EAR 240	Replacement ear tips for WIR RX18 infrared receiver (one pair).
FMP 030	12-slot foam insert for CCS 030 large briefcase.
FMP 034	35-slot foam insert for CCS 030 large briefcase.
FMP 035	22-slot foam insert for CCS 030 large briefcase.
FMP 036	6-slot foam insert for CCS 029 small briefcase or CCS 030 large briefcase
FMP 039	6-slot foam insert for CCS 029 DW Digi-Wave system carry case.
FMP 040	8-slot foam insert for CCS 030 DW 16 Digi-Wave system carry case (left side).
FMP 040R	8-slot foam insert for CCS 030 DW 16 Digi-Wave system carry case (right side).
FMP 041	40-slot foam insert for CCS 030 DW 40 Digi-Wave system carry case.
FMP 042	12-slot foam insert for CCS 042 DW Digi-Wave system carry case.
FMP 048	60-slot foam top insert for CCS 053/CCS 054 system carry cases for Digi-Wave, FM and/or infrared systems.
FMP 049	Open-bay foam insert for CCS 053/CCS 054 system carry cases for Digi-Wave, FM and/or infrared systems.
FMP 052	Foam insert for CCS 042 Hearing Hotspot demo system.
FWT 001	Cloth-based, loop warning tape. 2" x 165' spool.
HED 021	Folding headphones. Mono plug.
HED 023	Replacement ear pads for HED 021, HED 024 and HED 026 headphones (one pair).

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PART	DESCRIPTON
HED 023-100	Replacement ear pads for HED 021, HED 024 and HED 026 headphones (100-pack).
HED 024	Stereo folding headphones.
HED 026	Rear-wear mono headphones.
HED 027	Heavy-duty mono folding headphones.
HED 036	Rear-wear stereo headphones.
HED 040	Hearing-protector, dual-muff headphone (replacement for HED 008).
HED 042	NEW hearing-protector, dual-muff headphones, designed to be worn under a hard hat. Adult size with adjustable velcro head strap. 32 Ω, stereo. 24 dB noise reduction. Mild and low gain hearing loss rating. Compatible only with receivers with stereo jacks. Hard hat not included.
IDP 013	NEW lighted induction loop status sign. Lights up green or red depending on loop signal strength, letting customers know whether loop system is working. The sign offers both internal and external loop-signal-strength sensors. 7" H x 6" W x 1-3/4" D (18 cm H x 15 cm W x 4.5 cm D). Includes: T-Sign, power supply, wall-mounting hardware (sheetrock anchors, screws and cable clips), external loop sensor (plugs into loop sign), small screwdriver and user manual.
IDP 008	ADA wall plaque.
IDP 009	ADA wall plaque (loop/T-coil).
KIT TFP 027-01	230 VAC power supply kit for PPA T45 FM transmitter, MOD 232 modulator, WIR TX9 emitter (24 VAC).
MIC 014-R	Plug-mount microphone, omnidirectional.
MIC 020	Lightweight, rear-wear, presentation-style microphone, unidirectional, 39" cord, 3.5mm plug.
MIC 027	Shotgun handheld microphone, directional, 48" cord, 3.5mm plug.
MIC 044	Headset microphone - mini mic plug only.
MIC 044 2P	Headset microphone - mini mic plug and mini headset plug.
MIC 045	Dual headset microphone with two 3.5mm plugs (replaces MIC 079)
MIC 049	Omnidirectional conference microphone.
MIC 054	Directional lapel clip microphone, cardioid, 39" cord.
MIC 058	Dual-muff headset microphone with dual 3.5 mini plugs.
MIC 068	Heavy-duty, dual-muff headset microphone with dual 3.5 mini plug, -20dB.
MIC 088	Dual-muff, hard-hat headset microphone with dual 3.5 mini plugs.
MIC 090	Mini lapel clip omnidirectional microphone. 39" cord.
MIC 094	Unidirectional headset microphone, with XLR plug for PPA T45 transmitter or MOD 232 modulator only.
MIC 100	Unidirectional headband microphone. Improved RF resistance. 39" cord. 3.5mm plug.

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PART	DESCRIPTON
MIC 102	NEW in-ear-style microphone/headphone for use with all-generation DLT transceivers. 3.5 mm plugs, silicone earpiece, discrete wire, unidirectional condenser microphone. Includes: earphone/headphone unit, corded with 3.5mm plugs, lapel clip (2) additional silicone earpieces.
NKL 001	Neckloop. 18" cord. 3.5mm plug.
PLW 014	Power Loop Wire. (500' spool. 14-gauge. Black.)
PLW F300	Power Loop Wire (3/4" x 300' spool. 14-gauge. Flat copper.)
PLW F500	Power Loop Wire (3/4" x 500' spool. 14-gauge. Flat copper.)
RCS 003	Lanyard for Digi-Wave DLR receiver.
RCS 004	Lanyard for FM and infrared body-pack receiver.
RCS 008	Wrist strap for Digi-Wave DLR receiver (8").
RCS 010	Lanyard for Digi-Wave CCS 044 and CCS 060 silicone skins.
RPK 005	Rack panel kit. For one transmitter or modulator in one IEC rack space.
RPK 006	Rack panel kit. For two transmitters or modulators in one IEC rack space.
SPT 001	Splitter. (1) 3.5mm male to (2) 3.5mm females.
STD 005	Tabletop microphone stand for MIC 027 microphone.
STD 007	Tabletop tripod stand for WIR TX75 infrared transmitter.
STD 008	NEW flat-panel TV mounting bracket for IR T1 small-area infrared transmitter.
TFP 016	Power supply for MOD 232 infrared modulator.
TFP 030	International power supply for CHG 3502. Includes international adapters for Europe, United Kingdom, Australia.
TFP 036	Power supply for PPA T27 FM transmitter.
TFP 037	Power supply for CHG 3512 charger. Use with WLC 004 line cord.
TFP 038	230 VAC power supply for PPA T27-01 and PPA T27-02. Requires line cord for country of use: WLC 005 (EUR), WLC 006 (UK).
TFP 041	Power supply for CHG 3502 charger.
TFP 043	Power supply for CHG 518 charger.
TFP 044	Switching power supply for IC-2 audio control center. Use with WLC 004 line cord.
TFP 046	Power supply for WIR TX75 C/D infrared transmitter. Use with WLC 004 line cord.
TFP 047	Power supply for CHG 1012 charger. Use with WLC 004 line cord.

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WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

PART	DESCRIPTON
TFP 048	Power supply for PPA T45 FM base-station transmitter or PPA T45 NET FM base-station transmitter with network control. Use with WLC 004 line cord.
TFP 053	Power supply for WIR TX9 DC and WIR TX90 DC. Use with WLC 004 line cord.
TFP 055	A/C power supply for IR T1 small-area infrared transmitter.
WCA 007 WC	3.5mm male-to-3.5mm female mono cable with mounting clips. (12 ft.)
WCA 008-50	RG59 coaxial cable with F-connectors and hardware. (50 ft.)
WCA 013	Male RCA to male RCA audio cable (3 ft.)
WCA 050	XLR male to 3.5mm stereo plug. For use with IC-2 audio control center input to Digi-Wave DLT transceiver headphone jack. (36"). Can also be used for XLR from other devices.
WCA 051	XLR female to 3-pin Phoenix Contact® male connector. For use with IC-2 audio control center output to WIR TX90 DC infrared transmitter input. (6 ft.)
WCA 052	RJ45 (Ethernet) male to 3.5mm stereo plug for use with IC-2 audio control center relay CAT5e to Digi-Wave DLT transceiver mic input. (3")
WCA 055	3.5mm male to male stereo cable for IR T1 transmitter
WCA 068	BNC-to-BNC coaxial cable. Use to link (2) MOD 232 modulators for four-channel operation. (15")
WCA 084	BNC-to-BNC coaxial cable. Use to link MOD 232 modulator to TX9 DC. (100 ft.)
WCA 087	Auxiliary cable for PPA T46 FM transmitter. 3.5mm to 2.5mm. Stereo. (36")
WCA 091	RJ 45-to-RJ 45 CAT5 cable. Use to link WIR TX75 transmitter to WIR TX75 S slave emitter or to link IC-2 audio control center to IC-2 audio control center. (25 ft.)
WCA 092	Male RCA to 3.5mm mono male cable (3 ft.)
WCA 094	3.5mm male-to-3.5mm male stereo plugs. 40dB attenuating cable for use with Digi-Wave DLT transceiver headphone out to electret microphone input. (40")
WCA 096	RJ 45-to-RJ 45 CAT5 cable. Use to link WIR TX75 transmitter to WIR TX75-S slave emitter or to link IC-2 audio control center to IC-2 audio control center. (1 ft.)
WCA 104	XLR male to XLR female cable. For sending balanced line level or MIC level inputs to the IC-2 audio control center. (10 ft.)
WCA 105	RCA female-to-mini Phoenix Contact® cable for WIR TX75 PRO (C and D) transmitters. (4")
WCA 106	USB cable for TFP 055 power supply.
WCA 123	DC power extension cable for WIR TX9 DC and WIR TX90 DC. (50')
WCA 124	Adapter cable for IR T1 small-area infrared transmitter (3.5mm F to RCA).
WCC 003	RG59 coaxial cable for FM. 75 Ohm. (price per ft.)

PART	DESCRIPTON
WCC 005	RG58 coaxial cable for WIR TX9 infrared emitter. 50 Ohm. (price per ft.)
WLC 004	Three-pin grounded U.S. main power cord. (7.5')
WLC 005	Two-pin Euro main power cord, IEC.
WLC 006	Three-pin UK main power cord, IEC.
WLC 007	Three-pin AUS main power cord, IEC.
WLC 009	Three-pin Japanese main power cord, IEC.
WND 002	Windscreen for MIC 014-R.
WND 006	Windscreen for MIC 090 mini lapel clip microphone.
WND 008	Windscreen for MIC 044, MIC 044 2P, MIC 045 headset microphones.
WND 009	Windscreen for MIC 054, MIC 094 and MIC 100 microphones.
WND 012	Disposable microphone cover for MIC 014 microphones (100-pack).
WND 020	Windscreen for MIC 020 rear-wear microphone.
WND 027	Windscreen for MIC 027 handheld microphone.
WND 058	Windscreen for MIC 058, MIC 068 and MIC 088 dual-muff, headset microphones.

WI-FI

DIGITAL

FM

INFRARED

LOOP

INTERPRETATION

ACCESSORIES

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100

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101