

## FM +

### ASSISTIVE LISTENING SYSTEM FM T55



Williams Sound is ready to revolutionize the world of assistive listening with the introduction of FM+ -- the industry's first dual-transmission system able to broadcast both FM and Wi-Fi audio from a single device.

Often, the integrator's most difficult choice when designing an assistive listening system is deciding between an FM or Wi-Fi solution for their customer. With FM+, the customer gets both for little more than the cost of an FM-only solution. The FM+ integrates the new WaveCAST Wi-Fi audio server technology into a Williams Sound FM assistive listening system. End users can now listen with either an FM receiver or with their own smartphone (via the WaveCAST Listening App). With this flexibility comes exceptional audio quality, as the FM+ is built on a professional digital audio (DSP) platform. In addition, its optional Dante interface provides integrators with a full digital audio networking solution.

FM+ is designed for those who want to use their own smartphones and headphones for a more discreet assistive listening experience. Simplicity is also available for those who want a more traditional assistive listening system with a dedicated FM receiver and headset. FM+ supports both the new iOS and Android WaveCAST Apps -- in addition to all current and legacy Williams Sound FM receivers operating on the 72-76 MHz bandwidth.

#### SYSTEM FEATURES

- Professional audio inputs: 1/4"/XLR, phantom power, line level output jack.
- Audio presets -- hearing assistance, music, voice and custom
- 16-bit DAC provides 48Khz sample rate
- 10 segment LED bar graph
- Optional Dante input

#### WI-FI FEATURES

- Single-channel audio streaming over Wi-Fi
- True professional audio interface
- Supports 45 users in unicast mode or 1500+ users in multicast mode.
- Works with free WaveCAST iOS or Android apps

#### FM FEATURES

- Up to 1000 foot operating range
- Adjustable RF power output
- Professional DSP audio platform
- Works with existing Williams Sound FM receivers

#### MARKETS

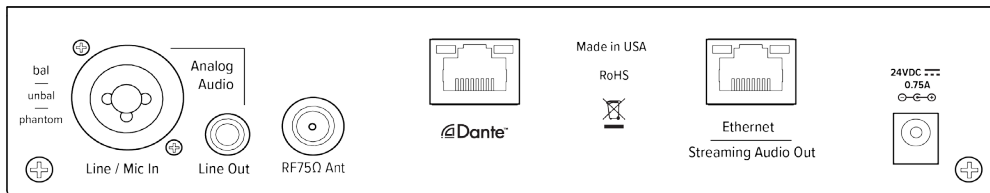
- Houses of Worship
- Education: Lecture Halls/Classrooms
- Government: City Halls
- Stadiums/Performance Venues

#### APPLICATIONS

- Assistive Listening
- Interpretation
- Audio Description
- Presentation
- Education/Training

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### ASSISTIVE LISTENING SYSTEM FM T55



#### SPECIFICATIONS

Dimensions:	8.45" <b>W</b> x 8.25" <b>D</b> x 1.72" <b>H</b> (21.5 cm x 21 cm x 4.4 cm)
Weight:	3.0 lbs. (1.36 kg)
Audio Presets:	Music, Voice, Hearing Assist, Custom
Audio Inputs:	(1x) Combination 3-pin XLR, 1/4" (TRS) jack for Mic or Line Level Analog Audio, Balanced or Unbalanced Line Level, or balanced or unbalanced microphone with Selectable Phantom Power
Temperature Range:	Operating: +32° F to +104° F (0° C to 40° C) Storage: -4° F to +158° F (-20° C to 70° C)
Color:	Black/Silver with silver legends on the front, white legends on the back
Power Supply:	Desktop Style Transformer (TFP 062); Input: 100-240 VAC, 50/60 Hz. IEC Line Cord; Output: 24 VDC, 750mA, 18W. 2.5mm ID center positive barrel connector; Approvals: UL, CUL, Energy Star V, CSA listed
Power ON Indicator:	Push On/Push Off latching power button, backlit green indicates power ON, backlight off indicates power OFF, fading from bright to dark indicates Sleep Mode.
Warranty:	2-year, parts and labor