WILLIAMS**AV**

FM PLUS DANTE

ASSISTIVE LISTENING SYSTEM FM T55 D

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

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 Plus Dante, the customer gets both for little more than the cost of an FM-only solution. The FM Plus Dante 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 Plus Dante is built on a professional digital audio (DSP) platform.

The FM Plus Dante interface provides integrators with a full digital audio networking solution. It is based on the Audinate UXT Ultimo chipset. This chipset supports both AES67 and SMPTE 2110. Dante's Ultimo UXT support of AES67 and SMPTE 2110 allows integrators multiple audio options to chose from for greater interoperability with other audio equipment with their system design. This allows the FM Plus to be controlled by the Dante Controller -- the easy-to-use software from Audinate for setting up and managing audio routing of Dante-enabled products on an audio network.

FM Plus Dante 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 Plus 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

· First FM/Wi-Fi system with Dante control

· Dante network interface based on the Audinate UXT Ultimo chipset.

· 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

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/Android apps

FM FEATURES

· Up to 1000 foot operating range

· Adjustable RF power output

· Professional DSP audio platform

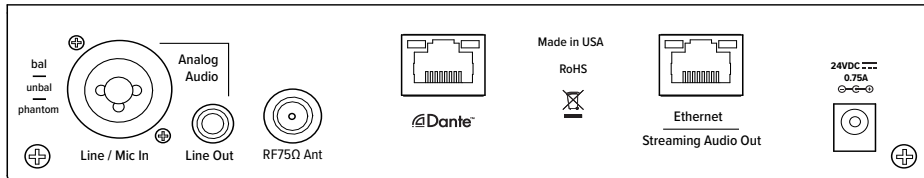· Works with existing Williams Sound FM receivers

MARKETS

· Houses of Worship

· Education: Lecture Halls/Classrooms

· Government: City Halls

· Stadiums/Performance Venues

APPLICATIONS

· Assistive Listening

· Interpretation

· Audio Description

· Presentation

· Education/Training

FM PLUS DANTE

ASSISTIVE LISTENING SYSTEM FM T55 D

SPECIFICATIONS

Dimensions:	8.45" **W** x 8.25" **D** x 1.72" **H** (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