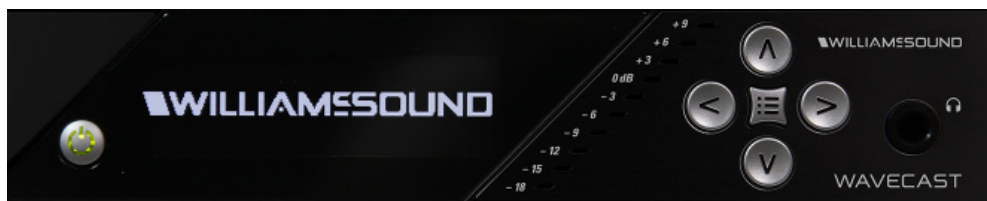# WILLIAMSAV

WAVECAST

WI-FI ASSISTIVE LISTENING SYSTEM WF T5

WaveCAST is a Wi-Fi platform designed for pro-audio applications where high-quality sound is required for streaming audio in real time to smartphones and/or tablets. It is built on a hardware-based DSP audio system architecture, allowing system optimization to achieve the highest quality experience for the particular audio stream being delivered. Hearing assistance can be optimized for hearing loss, music can be optimized for high-fidelity playback, and voice can be set for maximum speech intelligibility. Custom pre-sets can also be established for specific performance applications.

Professional audio inputs on the WaveCAST include combo 3-pin XLR/1/4", phantom power and a line level output jack. In addition to multi-stage gain control inputs, the DSP features include AGC, limiters, high and low pass filter, and adjustable range compressor control. The 16-bit DAC provides a 48Khz sample rate for a smooth digital stream and minimizes digital harshness. WaveCAST supports both unicast and multicast network configurations. Up to four WaveCAST systems can be connected to the same Wi-Fi network to provide multiple listening channels -- supporting 45 users in unicast mode or 1500+ users in multicast mode.

The new WaveCAST app provides an easy-to-use, intuitive user interface and is available in iOS or Android. Listeners easily select channel and volume level once their personal device is connected to the Wi-Fi network.

FEATURES

· Audio presets -- hearing assistance, music, voice and custom

· Professional audio DSP architecture

· Supports 45 users in unicast mode or 1500+ users in multicast mode, dependent upon network configuration.

· Single-channel audio streaming over Wi-Fi

· Works with free WaveCast iOS or Android apps

· Optional Dante input

· Professional audio inputs: combo 3-pin XLR/1/4", phantom power, line level output jack.

· 16-bit DAC provides 48Khz sample rate

MARKETS

· Entertainment Venues

· Education: Lecture Halls/Classrooms

· Government: Courtrooms/City Halls

APPLICATIONS

· Assistive Listening

· Interpretation

· Audio Description

· Presentation

· Education/Training

WAVECAST

WI-FI ASSISTIVE LISTENING SYSTEM WF T5

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; Dante (Optional)
Output:	RCA Line Level, Headphone 1/4"
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 VI, 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