

WaveCAST Eight

REAL-TIME AUDIO OVER WI-FI



The WaveCAST family of Wi-Fi products is designed for pro-audio applications where high-quality sound is required for real-time streaming of audio to smartphones or handheld receivers. WaveCAST is the industry's only audio over Wi-Fi platform with DSP-based system architecture, allowing system optimization to achieve the highest quality experience for the particular audio stream. Featuring ultra-low latency, 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.

WaveCAST EIGHT (WF T8) offers a multi-channel platform designed for larger assistive listening applications or for streaming audio in a bar, gym, or other areas where multiple audio sources exist. Eight channels are included on the unit, and up to eight WaveCAST EIGHTs can be used on one network. Audio is seamlessly streamed to users' personal iOS or Android devices or a Williams AV dedicated receiver to a free WaveCAST app.

Key Features

- Audio seamlessly streams over Wi-Fi to iOS and Android personal devices or Williams AV handheld receivers to a free WaveCAST app
- DSP-based system for maximum intelligibility
- Supports multicast network configurations
- Available with Dante connection

Applications

- Presentations
- Assistive Listening
- Streaming music

Markets

- Houses of Worship
- Healthcare - medical centers / waiting rooms
- Gaming / Casinos
- Education - classrooms & lecture halls
- Entertainment - Stadiums, Theaters
- Transportation - airports, train stations



View our full Wi-Fi line at WilliamsAV.com/product/wf-t8/

Product Specifications: WaveCAST EIGHT (WF T8)

Dimensions	17" W x 7.625" D x 1.72"H (43.18 cm x 19.37 cm x 4.4 cm)
Weight	5.0 lbs (2.27 kg)
Color	Black
Rack Mount	Standard 19" Rack, one EIA rack space high, one rack space wide
Power Supply	Desktop Style Transformer (TFP 062); Input: 100-240 VAC, 50/60 Hz. IEC Line Cord; Output: 24 VDC, 750 mA, 18W. 2.5mm ID center-positive barrel connector
Power Switch	Rocker; with red LED indicates power on
Temperature Range	Operating: +32° F to +122° F (0° C to 50° C); Storage: -4° F to +158° F (-20° C to 70° C)
Audio Processor Functions	DSP based; Compression: 1:1, 1.5:1 or 2:1; High-pass and Low-pass Filter Frequency control
Frequency Response	31 – 16000 Hz, ±3 dB ("Music" Audio Preset)
Signal-to-Noise Ratio	Greater than or equal to 69 dB (streaming to iPhone)
Total Harmonic Distortion	Less than 0.25% @ 1 kHz
Common Mode Rejection	Greater than 52 dB @ 1 kHz
Audio Inputs	8 Phoenix-style Line Level Analog Audio, Balanced or Unbalanced Line Level
Audio Input Gain Adjust	In menu, adjustable to +6 to -60 dB, in 1dB steps
Network	RJ-45 on the back of the unit supports CAT 5e cable lengths up to 328 feet (100 meters); 10/100 Base-T IEEE 802.3 compliant
Approvals	FCC, RoHS3, WEEE, Industry Canada, CE, PSE, RCM, CB Scheme
Warranty	2-year warranty against component failure and manufacturing defects. See Full Warranty statement on the website for details.