

# WAVECASTEIGHT

WI-FI ASSISTIVE LISTENING SYSTEM **WF T8**



WaveCASTEIGHT is the new, multi-channel Wi-Fi assistive listening platform designed for larger assistive listening applications -- providing the ability to link four WaveCASTEIGHT units for expansion up to 32 channels. Other design options include linking single-channel WaveCAST units, FM+ units (if FM receivers are also desired), or adding Convey room translator units to the WaveCASTEIGHT to add interpretation channels.

The WaveCASTEIGHT is designed for pro-audio applications where high-quality sound is required for streaming multi-channel 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.

This industry first, ADA-compliant WaveCAST Wi-Fi receiver is designed for use with the Williams Sound WaveCAST Wi-Fi assistive listening systems. It can be provided to end users who prefer not to install the WaveCAST Listening App on their personal devices. It can also be used by facilities who want to have dedicated receivers available for ADA compliance. Easy to use, the WaveCAST receiver offers a digital display and touch-screen channel selection that automatically selects the available channels and then dynamically displays them on the screen. Features a wireless Bluetooth headset option and integrated Wi-Fi support.

WaveCASTEIGHT supports both unicast and multicast network configurations. Up to four WaveCASTEIGHT 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.

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### **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