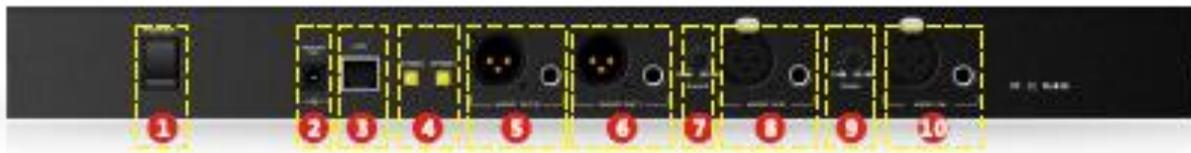




**TENDZONE**  
DIGITAL AUDIO PROCESSOR

## Dual-Channel Feedback Canceller AFC6-4



1. Power switch
2. Power
3. Audio Out2: Output channel 2, with a 3.5 mm/6.5 mm plug
4. Audio Out1: Output channel 1, with a 3.5 mm/6.5 mm plug
5. Audio In 1 & 2: Input channels with either XLR or 6.5 mm plug. Only one plug may be connected at one time.
6. Selection: input mode selection of Channel 1 and Channel 2, Mic/Line input.
7. Output Gain: Gain control of the output channels, the total gain value is the sum of corresponding values for each DIP switch
8. LAN: Network connection for program upgrading

AFC6 is an industry-leading, third-generation digital feedback cancellation product designed specifically to serve high-quality sound reinforcement systems. The AFC6 guarantees high-quality audio signal playback. Waveform comparison technology originally designed for military field applications and adaptive processing are used to effectively and dynamically filter out the acoustic feedback of a live sound reinforcement system. AFC6 is a sophisticated DSP computer with high-speed real-time audio signal processing. Regardless of changes in location, temperature, humidity, and room acoustics, the system installation is, accurate, reliable and simple to use.

## Technical Indicators

Technical Parameter	
Digital signal processing	Howling suppression (adaptive)
Transmission gain	10dB
Background noise	14 dB
Feedback suppression	10 dB
Gain control	-12 dB-+36 dB,+/-6 dB
Working frequency band	20Hz-20KHz
Frequency response	50Hz-20KHz
Total harmonic distortion	THD typical <96dB (0.002%) @ 1KHZ, +12 dBu output
Storage temperature	-30°C-70°C
Humidity	Max. 90%, non-condensing
Surface decoration	Metal front panel; plating coating steel enclosure LED display
Display	LED
Package Dimensions(mm)	545×365×145
Weight	1.9Kg
Power voltage	220V AC,50-60Hz
Power consumption	< 10W
Warranty	6 years