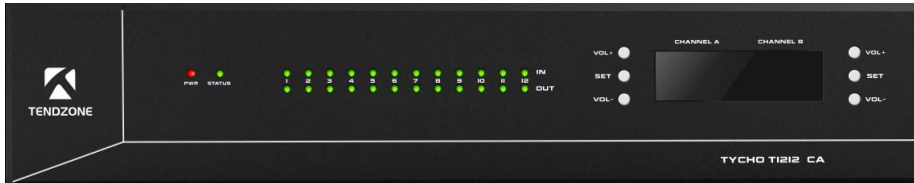




TENDZONE
DIGITAL AUDIO PROCESSOR

TYCHO T1212/CA



AEC AFC AGC TEL SPM AM M-LAN

Product features :

- High-performance floating-point DSP processing chip
- Built-in echo cancellation module and feedback elimination module, enabling video conferencing and telephone conference noise reduction and echo cancellation, and howling problem.
- Built-in amplifier module which supports dual channels UHF wireless microphone
- Automatic gain, automatic mixing functions
- M-LAN, RS-232, RS-485, Programmable GPIO and many other control port
- Software supports multiple platforms and a user-friendly interface
- 24 bit/48kHz A / D, D / A conversion, with sampling rates up to 96kHz, easy access for telephone coupling and conference calls
- Built-in automatic camera tracking capabilities, with RS-485 camera port, easily fulfilling video conferencing
- Support up to 8 groups of scene presets, user-friendly operating software interface, can work on a 32bit/64bit, windows 2000 / XP / windows 7 . It's simple , intuitive and intelligent . users can get started easily
- Balanced input and output with usage on bare wire interface port
- Preamp, signal generator, expander, compressor, 5-band parametric EQ, automatic mixer .on every input channels .
- Every Output channels is equipped with 8 band parametric EQ, delay, crossover, high and low pass filter and limiter (speaker management)

Technical Specifications :

Models	T1212CA	
Brackets Size	2U	
Input channel	12	
Output Channel	12	
Amplifier Module	4 x 100watts Channels	
Wireless Mic	Dual Channel UHF Wireless Mic	
AEC	Support	
Telephone interface	--	
Feedback Suppression	Support	
Voice Tracking	Support	
Electrical Parameter	Sampling Rates	48KHz/24bit
	A/D dynamic range :	$\geq 113\text{dB}$
	Phantom Power :	DC 48V
	Input CMMR	103dBu @ +20dBu , 60Hz
	Input Impedance :	20k Ω balance , 10k Ω unbalance
	Max Input Gain :	54dB
	O/p Quantization :	48KHz/24bit
	D/A dynamic range :	113dB
	I/P to O/P dynamic range :	113dB
	Channel isolation:	113dB
	Freq Response:	20 ~ 20kHz ($\pm 0.5\text{dB}$)
	THD+N :	$\leq 0.005\%$ @1kHz , +4dBu
	O/P impedance :	100 Ω
	Max O/P :	20dBu
	Operating Power Supply :	AC 110V~230V AC , 50Hz /60Hz
	Operating Temperature :	0 - 40 $^{\circ}\text{C}$