TECHMA TECHNOLOGY

8000 Series Network Power Amplifier

Network High Power Amplifier

DIGITAL Class-D

LAN



Specification

Model	TCM-H8120Z/IP	TCM-H8240Z/IP	TCM-H8350Z/IP
Rated Power	120W	240W	350W
Network	100BASE-TX, Auto MDI/MDI-X, RJ-45 connector		
Network Protocol	TCP/P, UDP, Multicast, SIP, RTP, IGMP		
Audio Codec	PCMU (G.711u), PCMA (G.711a), G.722		
Output Mode	100V / 4 ~ 8Ω		
Line Input	10k Ohms <1V,unbalanced		
Line Output	10k ohm (0),0.775V(0 dB),unbalanced		
Frequency Response	60Hz~20KHz (±3dB)		
THD	0.5% at1kHz,1/3 rated power		
S/N	>105dB		
Damping Factor	600		
Slew Rate	40V/μs		
Output Regulation	3dB, from level without signal to be loaded fully		
Control	Volume control & Power ON/OFF		
Cooling	DC 24V Fan		
Indicators	Indicator LED: Power, Signal ,Clip ,Prot		
Power supply	AC190V ~ AC240V 50-60Hz		
Power consumption	170W	340W	500W
Dimensions	1 U rack 19 inch		
Machine size	483(W) x 305(D) x 50(H) mm		
Net Weight	3.2Kg	3.7kg	4.3kg

Description

These Mp3 High Power Network IP Amplifiers with Digital Signal Proccesor (DSP) controller design for background music, paging announcer, PAGA Alarm and public address system installations, these unit is expetional values, loaded with features, and are easy to instal in variety of system designs. Easy Remote configuration, operation & monitoring.

Feature

※ 100BASE-TX,RJ-45 Connector digital data audio source.
※ Protocol TCP/IP, SIP, Multicast, IGMP, UDP
※ Audio coding G.711a, G.711u, G.722, G.729, PCM
※ Audio decoding source MP3,WMA,WAV and more
※ Frequency Response 60Hz -20kHz
※ Rj45, Analog Audio Source
※ Built-in of Class D amplifier 120W/240W/350W
※ 1ch Speaker output 100V / 4 - 8Ω
※ Individual Remote Volume & Local volume controller
※ Indoor use Ip50
※ Protection of short circuit, overload, high temperature.
※ Standard 19" 1U rack-mounting

Rear Panel



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Specification

Model	TCM-H8650Z/IP	TCM-H81KZ/IP	TCM-H81K5Z/IP	TCM-H82KZ/IP
Rated Power	650W	1000W	1500W	2000W
Network	100BASE-TX, Auto MDI/MDI-X, RJ-45 connector			
Network Protocol	TCP/P , UDP , Multicast, SIP , R TP,,IGMP			
Audio Codec	PCMU (G.711u), PCMA (G.711a), G.722			
Output Mode	100V / 4 ~ 8Ω			
Line Input	10k Ohms <1V,unbalanced			
Line Output	10k ohm (0),0.775V(0 dB),unbalanced			
Frequency Response	60Hz~20KHz (±3dB)			
THD	0.5% at1kHz,1/3 rated power			
S/N	>105dB			
Damping Factor	600			
Slew Rate	40V/μs			
Output Regulation	3dB, from level without signal to be loaded fully			
Control	1* Volume control & Power ON/OFF			
Cooling	DC 24V Fan			
Indicators	Indicator LED: Power, Signal ,Clip ,Prot			
Power supply	AC100V ~ AC240V 50-60-z / 24VDC 30A			
Power consumption	850W	1300W	1950W	2600W
Dimensions	1 U rack 19 inch			
Machine size	483(W) x 305(D) x 50(H) mm			
Net Weight	4.5Kg	5.8Kg	7.5kg	8.5Kg

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Rear Panel



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