Touch Screen Network Amplifier-360W
FT-B2500NX

▶ Feature:

1. High-grade aluminum 2U black brushed panel, cabinet installation, beautiful and generous

2. The equipment is designed with embedded computer technology and DSP audio processing technology

3. 3-inch color touch screen display, industrial-grade touch operation mode to achieve human-computer interaction, sensitive touch feel

4. With local U disk playback function, sequential playback mode, automatic stop after playback

5. Support multiple operation modes (play, pause, song selection, previous song, next song, progress adjustment, volume adjustment.

6. Adopt high-speed industrial-grade chip, the startup time is less than 1s

7. With 100V, 70V constant voltage output and 4~16Ω constant resistance output

8. 2-way signal input (1 microphone, 1 line.

9. 1 EMC input interface, when inputting emergency alarm voice signal, it has the highest input priority

10. 1 audio signal auxiliary output interface, which can expand external power amplifier

11. Each channel volume is independently adjustable, with treble and bass adjustment

12. Three-wire audio control forced output interface, no DC24V forced power supply required, and unlimited number of audio controls; compatible with 4-wire audio controllers, requires external +24V power supply

13. 6-unit LED level indicator, easy to observe the output status of the amplifier

14. Built-in 1-channel network hardware audio decoding module, supports TCP/IP, UDP, IGMP (multicast. protocol

15. Realize network transmission of 16-bit stereo CD quality audio signal

16. Support 1000-level custom audio priority mute control

17. Support PSTN telephone broadcast, support SMS voice broadcast

18. Support mobile WIFI on-demand, support wireless remote control on-demand

19. Support server unified authorization operation management function, unified configuration management user and password

20. Support DHCP, compatible with routers, switches, bridge gateways, Modem, Internet, 2G, 3G, 4G, multicast, unicast and other network structures

21. Support intelligent voice prompt function when the terminal is newly configured and registered (if the device is connected.

22. Support 15KVESD protection, built-in network isolation lightning protection circuit

23. 1 PC download IP address serial port, used to modify the network decoding module IP address

24. Digital network product, easy to expand, not restricted by geographical location, no need to add room management equipment

25. Adopt the design concept of common network free line construction, easy to install

26. The cooling fan adopts intelligent temperature control to start

27. It has perfect output short circuit protection and over-temperature protection functions

▶ **Specification:**

Rated power	500W
Network interface	RJ45
Transmission rate	100Mbps
Support protocol	TCP/IP, UDP, IGMP (multicast)
Audio format	MP3/MP2
Audio mode	16-bit stereo CD quality
Sampling rate	8K~48K
Bit rate	8K~512Kbps
LINE OUT output level	775mV, 2-bit lotus seat
LINE OUT output impedance	470 Ω
AUX input sensitivity	470mV (unbalanced)
MIC input sensitivity	5~10mV (unbalanced)
Treble boost, attenuation	±12dB
Bass boost, attenuation	±12dB
Power consumption	675W
Standby power consumption	<3W
Frequency response	60Hz~18KHz
Harmonic distortion	THD≤0.5%
Signal-to-noise ratio	≥75dB
Output mode	4~16Ω fixed resistance output, 70V/100V fixed voltage output
Protection circuit	DC output, overload, overtemperature, short circuit protection circuit
Ambient temperature	5℃~40℃
Ambient humidity	20%~80% relative humidity
Input power	~220V/50Hz
Dimensions	485x365x89mm
Weight	15.58Kg