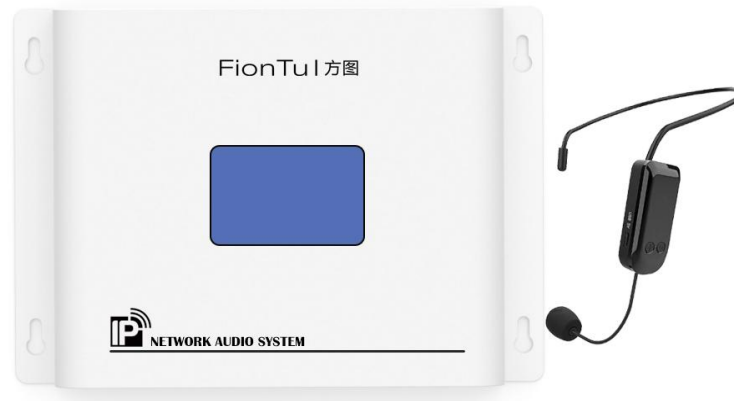# Touch screen network on-demand terminal (with 2.4G microphone) FT-B1300GB

（带备份）

▶ Feature:

1. Wall-mounted design, private mold white alloy plastic injection molding, beautiful and elegant craftsmanship

2. The terminal adopts embedded technology and DSP audio processing technology

3. Adopting high-speed industrial-grade chips, the startup time is less than 1s

4. Equipped with a 4.3-inch true color touch screen, accurate touch and sensitive feedback

5. Super strong anti-interference performance to avoid the unstable factors of infrared signal operation

6. Teaching materials for touch mode and remote control on-demand server

7. Built-in 2×25W fixed resistance output Class D power amplifier module, beautiful sound and strong power

8. Built-in network hardware audio decoding module, supporting TCP/IP, UDP, IGMP (multicast. protocols

9. Realize network transmission of 16-bit stereo CD quality audio signals

10. Stereo audio output, can be connected to an external power amplifier or active speaker

11. Stereo line input, 1 microphone input, with independent volume adjustment switch

12. 1 USB input interface, can realize local USB playback function

13. 1 short-circuit signal input, which can be connected to the linkage trigger signal, and can trigger the terminal alarm in an emergency

14. 1 short-distance signal output, which can be linked to trigger other devices in an emergency

15. 4G microphone has a long transmission distance. After successful connection, it can stably transmit audio data in an open area greater than 20 meters

16. 4G has a long transmission distance, and can stably transmit audio data in an open area greater than 20 meters

17. 4G+ automatically searches for channels with less interference and completes automatic pairing to ensure that the product does not cross-frequency, has strong anti-interference and stable transmission

18. Expanded multiple 2.5G channels, effectively avoiding 2.4G signal interference such as WIFI/Bluetooth

19. Adopting 48kHz/16bit sampling rate to meet high-quality audio transmission requirements

20. All settings have automatic memory function when power is off, and personalized settings are more convenient to use

21. Automatic audio energy detection, when no speech or audio input is detected, the module can output a control signal to control the amplifier to mute

22. Head-mounted design, compact size, ultra-low power consumption

23. Automatic management of terminal amplifier power supply, supporting software programming pre-opening function

24. Support intelligent voice prompt function when registering new terminal configuration (such as device is connected.

25. With 1000-level custom audio priority silent control function

26. With unified server authorization operation management function, unified configuration management user and password

27. With digital audio time-lapse breakpoint playback function to ensure broadcast synchronization effect

28. With PSTN telephone broadcast, support SMS voice broadcast function

29. With mobile phone WIFI on-demand, support wireless remote control on-demand function

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

▶ Specification:

Network interface	standard RJ45 input
Support protocols	TCP/IP, UDP, IGMP (multicast)
Audio format	MP3/MP2
Output power	2×25W fixed resistance
Frequency response	50Hz~18KHz
Sampling rate	8K~48KHz
Transmission rate	100Mbps
Audio mode	16-bit stereo CD quality
Harmonic distortion	≤0.3%
Signal-to-noise ratio	＞70dB
Audio source output level	1000mV industrial standard crimping terminal
Audio source output impedance	470Ω
Ambient temperature	5℃~40℃
Ambient humidity	20%~80% relative humidity
Power consumption	≤36W
Input power	~220V 50Hz
Dimensions	220×160×43mm
Weight	1.28Kg