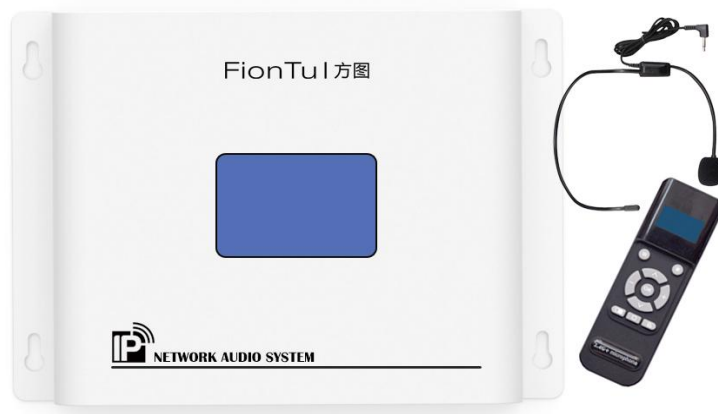


# Touch screen network on-demand terminal (with 2.4G microphone) FT-B1301G



## 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. Built-in analog audio signal backup module, supports constant voltage 70V/100V signal input
14. When the device detects no network signal input or power failure, it automatically switches to input constant voltage signal amplification to achieve dual line redundancy
15. 1 short-circuit signal input, can access linkage trigger signal, can trigger terminal alarm in emergency
16. 1 short-distance signal output, can trigger other devices in emergency
17. 4G microphone has a long transmission distance, after successful connection, it can stably transmit audio data in an open area of more than 20 meters
18. 4G has a long transmission distance, and can stably transmit audio data in an open area of more than 20 meters
19. 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
20. Expanded multiple 2.5G channels, effectively avoiding 2.4G signal interference such as WIFI/Bluetooth
21. Adopts 48kHz/16bit sampling rate to meet high-quality audio transmission requirements
22. All settings have the function of automatic memory when power is off, and personalized settings are more convenient to use
23. 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
24. Head-mounted design, compact size, ultra-low power consumption

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## FT-B1301G

25. Automatic management of terminal amplifier power supply, support software programming pre-opening function
26. Support intelligent voice prompt function when registering new terminal configuration (such as the device is connected).
27. With 1000-level custom audio priority silent control function
28. With server unified authorization operation management function, unified configuration management user and password
29. With digital audio time-lapse breakpoint playback function to ensure broadcast synchronization effect
30. With PSTN telephone broadcast, support SMS voice broadcast function
31. With mobile phone WIFI on-demand, support wireless remote control on-demand function
32. 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°C ~ 40°C
Ambient humidity	20% ~ 80% relative humidity
Power consumption	≤36W
Input power	~220V 50Hz
Dimensions	220×160×43mm
Weight	1.28Kg