IP Network Adapter, with Power Amplifier, Constant Pressure Backup, with 2.4G Bluetooth Microphone

T-7805BG

Headset Microphone: T-538B
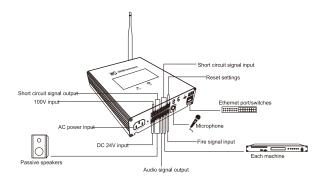
Specifications

Model	T-7805BG
Network Interface	Standard RJ45 input
Transmission Rate	100Mbps
Support Protocol	TCP/IP, UDP, IGMP(group broadcast),IETF SIP
Audio Format	Mp3, WMA, WAV
Audio Mode	16 bit CD quality
Sampling Rate	8K~48KHz
AUX Input	1 group
AUX Sensitivity	350mV
MIC Input	1 group (TRS interface or 3.5mm interface optional)
MIC Sensitivity	TRS interface 5Mv, 3.5mm interface 10mV
Monitor MIC Input	1 group
Monitor MIC Sensitivity	10mV
Line Output	1 group
Line Output Level/Impedance	1000mV/470Ω
EMC Input	1 group
EMC Sensitivity	775mV
USB	Maximum support 4T USB device; load <0.1A
SD	Maximum support 128G / SDXC card
Earphone Output Connector	3.5mm interface
Earphone Load	32Ω
Power Consumption	30W
Standby Power Consumption	<3W
Frequency Response	80Hz~16KHz -3dB/+1dB
THD	≤1%
SNR	>65dB
Short-circuit Input	0V/3.3, Support dry contact input
Short-circuit Output	Maximum 3A/30VDCdry contact output
Operating Temperature	5℃~40℃
Operating Humidity	20%~80%relative humidity, non-condensation
Power Supply	~190-240V 50-60Hz; DC24V/2A
Size	170×210×45mm
Weight	2Kg

Rear Panel

Short circuit signal input
Reset settings
Short circuit signal output
100V input
Ethernet port/switches
AC power input
Microphone
DC 24V input
Fire signal input
Passive speakers
Each machine
Audio signal output

Application

Installed in room, classrooms, guest rooms etc. to do remote and local broadcast.

Features

* Professional wall-mounted design, easy for installation.
* 4.3" true-color LCD screen with graphical interface; Support infrared remote control, more flexible for operation.
* The graphical volume adjusting interface can adjust the volume of network audio, local MIC and local AUX input.
* Display the current broadcasting audio, timed broadcasting, equipment status information, IP address, MAC address, etc, in the screen. The user can stop the broadcasting audio by pressing one button.
* With multiple network access ways, including DHCP automatic distribution access, ADS intelligent dialing access, fixed IP address access, etc.
* Based on Luna cloud server, with high safety and stability, support 7×24 hour uninterrupted operations.
* Built-in with 2 × 10Wamplifier module, good sound quality.
* Support intelligent power-saving and pre-opening management to save energy and ensure the equipment work stably.
* Built in with 8GByte SSD; support remote server management and downloading in background under limited bandwidth or automatic downloading in idle time, which can lighten the network burden，the files in media library can be played automatically in offline status.
* Integrated with USB and Micro SD (TF) card interfaces, maximum support 4T USB storage device and 128G / SDXC card. The user can play the files of USB, TF card and media library to the terminals.
* Integrated with 24Bit professional sound card, realizing high-end audio quality. The highest audio stream up to 768kpbs.
* With 1 AUX audio input, 1groupMIC input, 1EMC emergency input; Built-in with digital pre-amplifier; support user-defined priority; with 1monitor MIC to achieve equipment self-test, working environment monitoring and operator assessment.
* Built-in with 100V constant-voltage signal backup module, when there is network fault or equipments is cut off; it will switch from digital network broadcasting to analog constant-voltage broadcasting automatically. Analog signal is output to the speakers, which can meet the demand of back up function in listening test.
* Built-in 1 Line out independent audio output, to connect with external amplifier；
With standard headset interface to realize audio monitoring, and headset microphone amplifying.
* 2 short-circuit output, 2 short-circuit input, supports flexible customization, you can achieve short-circuit acquisition, alarm triggered, local media library music playback, texting, email, popup reminder function, electronic door locks, fire alarm , monitoring and other third-party devices and platforms.
* Support protocols: TCP/IP, UDP, IGMP (multicast), IETF SIP, audio format: MP3, WMA, WAV.
* Support short circuit to restore factory function, which is easy for system maintenance and management.
* Support multiple users to login separately; the access right is user-defined.
* Support checking information about devices status and management equipment on the backstage WEB.
* Wide voltage power supply + DC 24V backup power without time interval, to provide 7×24h power.
* The system supports remote hardware updating to the terminals, no need to go to the local terminal site, save a lot of maintenance work.
* Built-in with 2.4G wireless audio module, Transmission frequency: 2.4000—2.53MHz, HIFI, good anti-interference ability. It has the highest 64K @16bit×2 in the field, and has HDCD sound effect. The sound is delayed (<0.5ms).Frequency response: 80—16KHz.
* With headset mic, the connection distance of automatic matching between the mainframe and mic is≤3 m, with matching connection time≤3 s.
* It will enter the matching status automatically when open, after matching successfully, it will have the reminding sound to shift to the receiving status automatically.
* It realizes the encryption transmission and the receiver supports the automatic sweep frequency function to avoid the interference easily.
* 2.4G mic volume supports volume adjustment function.
* It has the charging function with charging management, supports charging and working simultaneously. It uses the Micro USB to charge and can use cellphone charger as well.
* The frequency distance (power) can be set by itself. Working distance up to 10 meters.