



## Application

Installed in the weak current room or control room, built in with power amplifier, it is used in halls, corridors, indoor and outdoor areas for audio files broadcasting and local broadcasting.

## Features

- \* Adopts standard 19-inch rack-mount design, aluminum industrial panel; with 4.3" TFT true-color LCD screen, 21 industrial metal buttons; with reserved infrared receiver function for remote control.
- \* Based on Luna cloud server, with high safety and stability, support 7x24 uninterrupted operations.
- \* Built in with 2GByte 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.
- \* Built in with 60W / 120W / 240W / 350W / 500W constant-impedance (4-16Ω) and constant-voltage (70V / 100V) power output.
- \* With intelligent power management function, when no signal input, it will automatically cut off the power of the amplifier and go into standby mode. The standby power consumption is less than 3W. It has programmable pre-opening power supply function.
- \* With multiple network access ways, including DHCP automatic distribution access, ADS intelligent dialing access, fixed IP address access, etc.
- \* Integrated with 24Bit professional sound card, realizing high-end audio quality, the highest audio stream up to 768kpbs.
- \* With 1 AUX audio input, 1 group MIC input, 1 EMC emergency input; Built-in with digital pre-amplifier; support user-defined priority; with 1 monitor MIC to achieve equipment self-test, working environment monitoring and operator assessment.
- \* 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; Support flexible user-defined function; achievable of short-circuit acquisition, alarm trigger; realizable to connect with third-party platform like fire alarm, CCTV, etc.
- \* With 1 channel three-wired volume control can realize fire alarm overriding without DC24V power supply and no limitation of volume control quantity. It is compatible with 4-wired volume control with external DC24V power supply.
- \* Support multiple users to login separately; the access right is user-defined.
- \* Supports short-circuit input to restore factory settings, which makes the system maintenance convenient to the greatest extent.
- \* The graphical volume adjusting interface can adjust the volume of network audio, local MIC and local AUX input.
- \* Display the current broadcasting audio, two-way intercom, timed broadcasting, equipment status information, IP address, MAC address, etc, in the screen. The user can stop the broadcasting audio by pressing one button.
- \* Support background WEB status and information management.

## Specifications

<b>Model</b>	T-78120
<b>Network Interface</b>	Standard RJ45 interfaces
<b>Transmission Rate</b>	100Mbps
<b>Protocol</b>	TCP / IP, UDP, IGMP (multicast), IETF SIP
<b>Audio Format</b>	Mp3, WMA, WAV
<b>Audio Mode</b>	16 bit CD level
<b>Sampling Rate</b>	8K~48KHz
<b>AUX Input</b>	1 group
<b>AUX Sensitivity</b>	350mV
<b>EMC Input</b>	1 group
<b>EMC Sensitivity</b>	775mV
<b>Local MIC Input</b>	1 group(Optional rear panel 6.3 single plug or 3.5mm interface input)
<b>Local MIC Sensitivity</b>	Faceplate, backboard 6.3 single plug 10mV, 3.5mm interface 10mV
<b>Line Output</b>	1 group
<b>Line Output level/Impedance</b>	1000mV/470Ω
<b>Earphone Output Connector</b>	3.5mm interface
<b>Earphone load</b>	32Ω
<b>monitor MIC</b>	1 group
<b>Monitor MIC sensitivity</b>	10mV
<b>USB</b>	Maximum support 4T USB device; load <0.1A
<b>SD</b>	Maximum support 128G / SDXC card
<b>Power Consumption</b>	160W
<b>Standby Power Consumption</b>	<3W
<b>Power Output</b>	120W
<b>Frequency Response</b>	80Hz~16KHz -3dB/+1dB
<b>THD</b>	≤1%
<b>SNR</b>	>65dB
<b>Short-circuit Input</b>	0V / 3.3V, support dry contact input
<b>Short-circuit Output</b>	Maximum 3A/30VDC dry contact output
<b>Protection Circuit</b>	DC output, overload, over temperature, short circuit protection
<b>Operating Temperature</b>	5℃~40℃
<b>Operating Humidity</b>	20%~80% relative humidity, non-condensation
<b>Working Voltage</b>	~190-240V 50/60Hz
<b>Size</b>	484 x 327.5 x 88 mm
<b>Weight</b>	9.6Kg

## Rear Panel

