



Weekly Timer

SD

10 zone

monitor

Power Sequencer

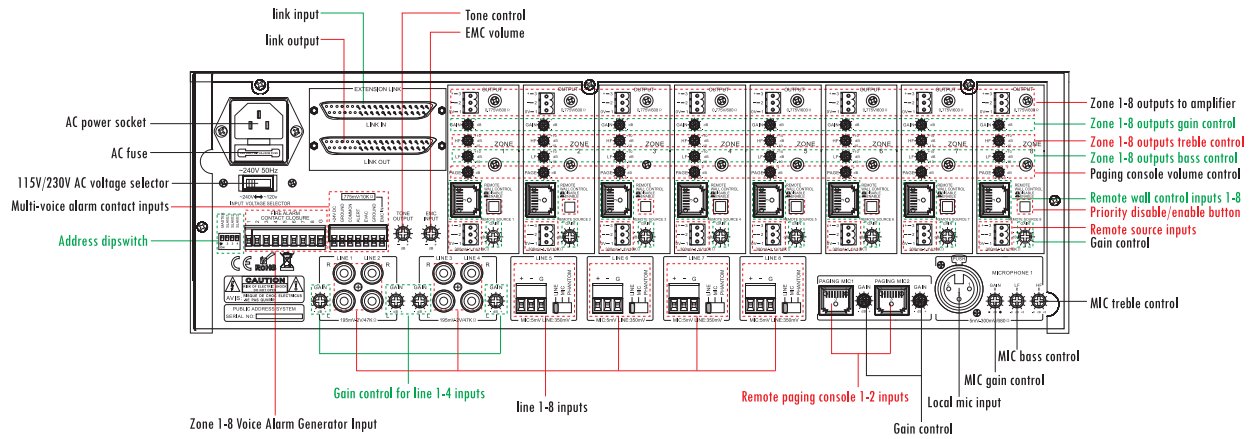
Features

- * The matrix & paging controller family comprise an 8 channel and a 4 channel ones, which are cater for multi-zone paging and multi-sources selection system. They are complete solution for multi-zone, multi-functional venues like entertainment places, large hotel, sports or gym centers, shopping mall and airport etc.
- * The T-8000 offers direct connection of up to 8 music source inputs, 8 remote control panels, 4 remote paging consoles and one microphone input, all of these inputs can be freely allocated into different 8 zone outputs simultaneously.
- * One remote paging console and 3 different remote control panels are available when extension control, multi-zone paging and multi-sources routing is needed.
- * The controller is also expandable to 32 zones via a simple link cable to cascade 4 units together into 8×32 matrix system.
- * With digital LCD display of program/local input selection and monitor selection, and LED indication for monitor output level, microphone priority and busy.
- * Each channel input is provided with individual mic, music, master volume control, each line and paging console input with gain control, microphone input with gain, bass and treble tone control. Monitor volume control as well as provided.
- * Each channel output is provided with individual gain, bass and treble tone control, a gain control is also provided for each channel's remote wall control.
- * 8 channel voice alarm contact closure to override all music and paging system during fire alarm state.
- * Alert, evacuation and EMC three kinds of pre-recorded chimes are provided with tone control.
- * Both paging consoles and remote control panels connect via universal and industrial standard CAT 5 cable.
- * 4 swift keys for direct all channel BGM and paging access.
- * AC 120V or 220V input with voltage switch and DC 24V operation.
- * 5 levels of priority from high to low are: microphone 1, fire alarm, remote paging console, remote control panel and background music.

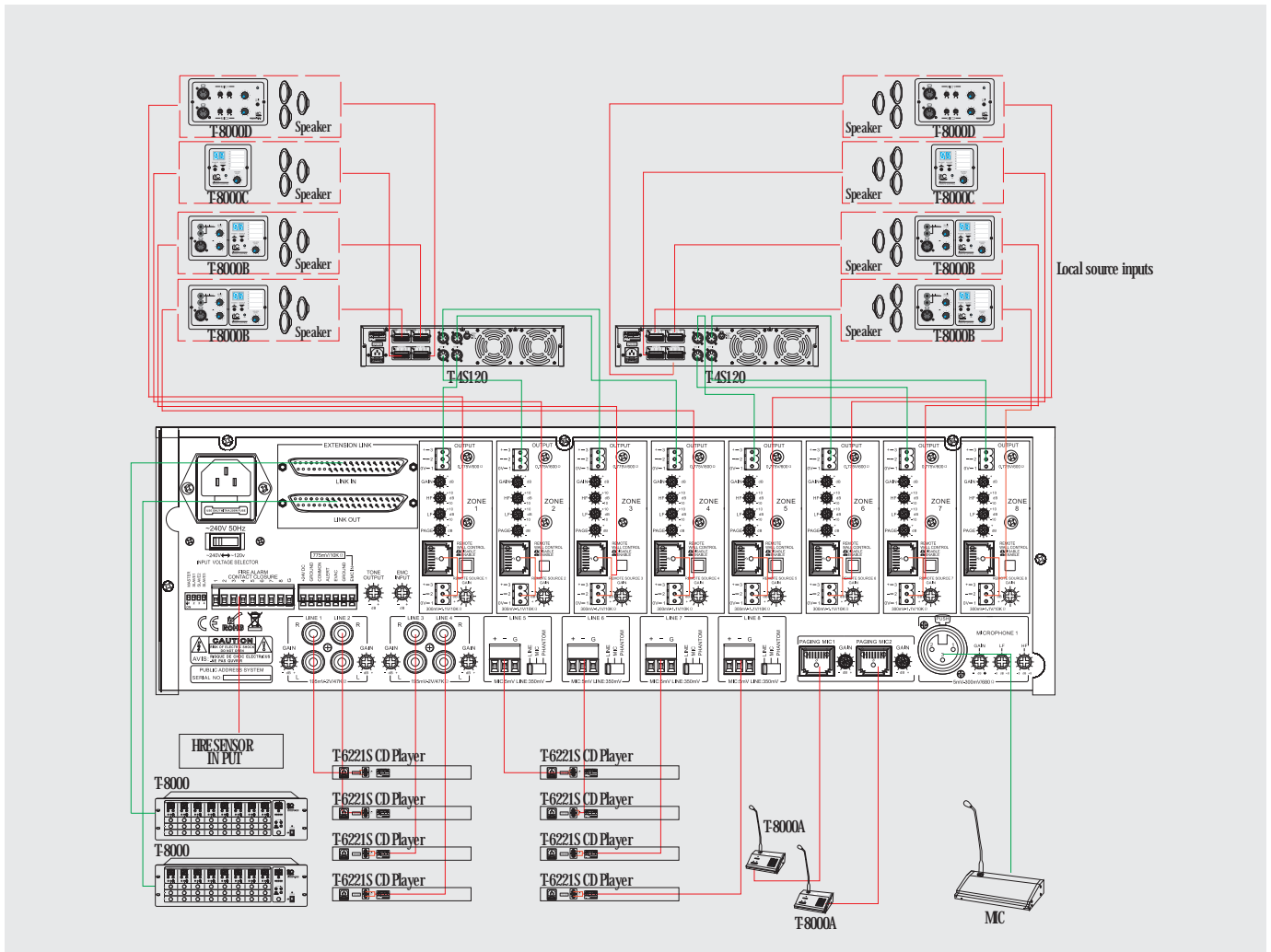
Specifications

Model	T-8000
Line Input	Line 1-8: 300mV/10KΩ
Microphone 1	5mV/600Ω
Remote Paging Station	500mV/10KΩ
Output	0.775V/600Ω
Frequency Response	MIC 80Hz~18KHz +1/-3dB line: 0Hz~20KHz +1/-3dB
Microphone S/N Ratio	>65dB
Line S/N Ratio	>85dB
Degree Of Separation	>40dB
Crosstalk	>65dB
THD	<0.07%
Indicator	Power, Mic1, paging busy & monitor output
Priority	Mic1, voice alarm, local mic paging, remote zone paging, line 8, line 1-7
Communication Speed	4800bps
Communication Port	RJ45
Communication Protocol	RS485
Power Consumption	20W
Power Supply	~110V/60Hz or ~230V/50Hz & DC 24V
DC Input	DC 24V
Dimensions	484 × 400 × 132mm
Weight	6Kg

Rear Panel



Connections





Remote Control with Audio Input Module
T-8000B



T-8000BW



Features

- * The T-8000A remote paging console is connected with T-8000 through universal industrial standard CAT 5 for zone announcement or communication at a remote and different location from the control center.
- * Each controller provides four RJ45 ports for the remote paging console.
- * The CAT 5 wiring is not only featured of cost-effective, convenient layout, but also integration of RS 485 communication, audio transmission and DC 24V power supply together.
- * Extra DC 24V power supply is needed if the communication distance between controller and the paging console is more than 50 meters.
- * Eight zone selector with state indication.
- * Talk and all zone paging swift keys are provided.
- * 2 and 4 tones chimes with selector and off switch.
- * Volume controls are provided for chime and microphone.
- * Full indications includes individual zone, all zone, busy, paging, power, output level to provide a direct visualization.

Features

- * The T-8000B remote control with audio input module is connected with T-8000 through universal industrial standard CAT 5 for each eight zone's volume adjustment or remote line and microphone input at a remote and different location from the control center.
- * Each controller provides eight RJ45 ports for the remote control with audio input module.
- * The CAT 5 wiring is not only featured of cost-effective, convenient layout, but also integration of RS 485 communication, audio transmission and DC 24V power supply together.
- * This module family also has simpler functional module of T-8000C and T-8000D.
- * Remote line by dual RCA and mic by XLR inputs with gain controls.
- * Zone LED indicator with up/down buttons.
- * Volume control is provided for overall output level control.
- * DC 24V power supply from controller, low power consumption 5W.
- * Analog to digital conversion working principle to adjust controller's volume.

Specifications

Model	T-8000A
MIC	Condenser Microphone
Frequency Response	50Hz~18KHz (± 2dB)
S/N Ratio	Better than 75dB
THD	Less than 0.1% at 1KHz,
Signal Output	0.775V/600Ω
Mic Input	5MV/600Ω
Indication	Individual zone, all zone, busy, paging, power, output level indicators
Protection	DC +24V/2A Revert fuse protection
Power Supply	DC 24V
Power Consumption	1.5W
Weight	2.5Kg
Dimensions	180x145x58mm

Specifications

Model	T-8000B
Serial Communication Speed	4800bps
Serial Communication Distance	Maximums 1Km
MIC Input Sensitivity	5mV/600Ω
AUX Input Sensitivity	350mV/10KΩ
Audio Output	0dB/600Ω
Frequency Response	100Hz~8KHz (± 1dB)
S/N Ratio	MIC Better than 65dB Aux Better than 75dB
THD	Less than 0.1% at 1KHz
Controls	Volume control
Power Supply	DC 24V
Power Consumption	5W
Weight	500g
Dimensions	86x146x33mm



**Remote Control Module
T-8000C**



T-8000CW

Features

- * The T-8000C remote control module is connected with T-8000 through universal industrial standard CAT 5 for each eight zone's volume adjustment at a remote and different location from the control center.
- * Each controller provides eight RJ45 ports for the remote control module.
- * The CAT 5 wiring is not only featured of cost-effective, convenient layout, but also integration of RS 485 communication, audio transmission and DC 24V power supply together.
- * The remote control module family also has higher functional module of T-8000A and microphone module of T-8000D.
- * Zone LED indicator with up/down buttons.
- * Volume control is provided for overall output level control.
- * DC 24V power supply from controller, low power consumption 5W.
- * Analog to digital conversion working principle to adjust controller's volume.

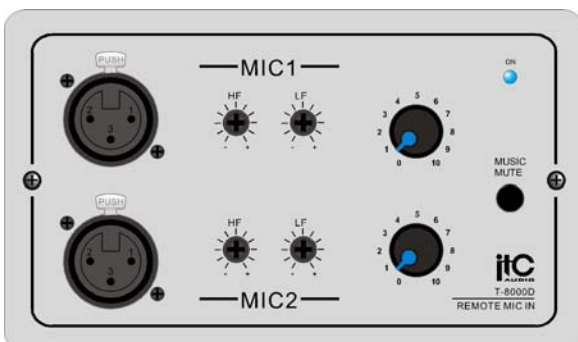
Specifications

Model	T-8000C
Serial Communication Speed	4800bps
Serial Communication Distance	Maximum 1Km
Controls	Volume control
Power Supply	DC 24V
Power Consumption	5W
Weight	300g
Dimensions	86x86x33mm

Remote MIC Input Module T-8000D



T-8000DW



Features

- * The T-8000D remote microphone input module is connected with T-8000 through universal industrial standard CAT 5 where a remote location announcement is needed.
- * Each controller provides eight RJ45 ports for the remote module.
- * The CAT 5 wiring is not only featured of cost-effective, convenient layout, but also integration of RS 485 communication, audio transmission and DC 24V power supply together.
- * The remote module family also has T-8000B and T-8000C.
- * Two remote mic by XLR inputs with volume control and bass, treble tone controls.
- * A paging priority override music button is provided when a remote paging is needed.
- * DC 24V power supply from controller, low power consumption 5W.
- * Analog to digital conversion working principle to adjust controller's volume.

Specifications

Model	T-8000D
Serial Communication Speed	4800bps
Serial Communication Distance	Maximums 1Km
MIC Input Sensitivity	5mV/600Ω
Audio Output	0dB/600Ω
Frequency Response	100Hz~18KHz (± 1dB)
S/N Ratio	MIC Better than 65dB
THD	Less than 0.1% at 1KHz
Controls	Volume control
Power Supply	DC 24V
Power Consumption	5W
Weight	150g
Dimensions	86x146x33mm