



Features

- * Mixer with 6 zone speaker selector for source selection and zone control
- * Build-in mic and recorder for easy voice message recording and storage
- * 3 audio sources direct selection on front panels
- * 6 zone selection buttons on front panel
- * 6 zone paging console work together with the mixer through RJ45 port for remote control and announcement
- * Mic input by XLR type with phantom power and gain control
- * 3 aux inputs for tape, CD and tuner
- * Built-in chime, whose remote trigger and volume is provided
- * 3 voice messages broadcast in continuous and once modes
- * 3 channel pre outputs: music, music/page and page
- * 6 zone line outputs for power amplifier
- * Volume control is provided for mic, music, tape, record and message broadcast, plus bass and treble tone control
- * Indications include zone selector, source selector, record state, power and output level meters.
- * 4 levels of priority from high to low: remote paging console, Mic1, chime, pre-recorded message

Specifications

Model	T-6245
CONSOLE INPUT	
Sensitivity	$\pm 5 \text{ mV}/600 \Omega$, $\pm 500 \text{ mV}/10 \text{ K} \Omega$
S/N Ratio	>68dB
Frequency Response	50Hz~17KHz(+1, -3dB)
MICROPHONE INPUT	
Sensitivity	$\pm 5 \text{ mV}/600 \Omega$, $\pm 500 \text{ mV}/10 \text{ K} \Omega$
S/N Ratio	>68dB
Frequency Response	50Hz~17KHz(-3dB)
Phantom Power	+48V
3 AUXILIARY INPUTS	
Tuner and Tape Input	200mV/47 Ω
Sensitivity/Impedance	
CD Input Sensitivity/Impedance	500mV/47 Ω
S/N Ratio	>90dB
Frequency Response	20Hz~20KHz(+1, -3dB)
CONTROL	
Bass	$\pm 12 \text{ dB}$ at 100Hz
Treble	$\pm 12 \text{ dB}$ at 10KHz
Chime	2 tone active for contact free in priority and BGM
Normal Distortion	>0.05%
OPERATING CONDITION	
Power Supply	~110V/60Hz or ~230V/50Hz & DC 24V
Dimensions	484x303x88mm
Weight	6.58Kg
Max number of paging console	6

Diagram of the rear panel of a Firestorm 1000 fire alarm control unit, showing various input and output terminals and controls. The labels are as follows:

- Relay music zone COM input
- Zone relay outputs
- Page/music mix output
- Music output
- Page output
- 48V phantom power for mic
- Chime volume
- Message broadcast volume
- Message record volume
- Alarm/Normal status selector
- Alarm modes (once/continuous) selector
- Pre-record message selector (3rd/2nd/1st/off)
- Remote chime trigger
- Open relay zone contact input
- Zone 1-6 speaker terminals
- Dry contact play message 1 or 2
- Tape input
- CD input
- Tuner input
- Mic input
- Remote paging console volume
- Remote paging console input

The diagram illustrates a 6 Zone Mixer with Voice Recorder T-6245 system. On the left, six Remote Zone Paging Mic T-328 are connected to the mixer. The mixer itself has multiple input and output ports, including a CD Player input. It is connected to six Power Amplifiers, each of which is connected to a speaker. The speakers are labeled Zone 1 through Zone 6. The mixer also features a 120V 15A 60Hz power input and various control knobs and buttons.