

EMKP-8001 Digital Paging Console

Product Descriptions

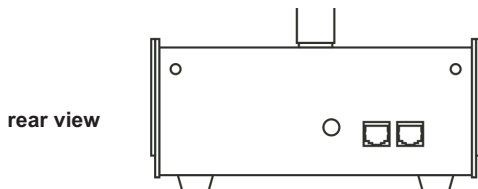
EMKP-8001 is one of the most advanced 3-in-1 Digital Paging Console, Chime generator and the 180-zones selector in the market. This device is designed to deliver speeches to 180 selected individual zones or groups of zones. The digital control data, the balanced audio signal and DC power supplies are sent through single CAT-5 cable via RJ-45 digital ports up to 1.2km.

Inside the EMKP-8001 there are 8 selectable Chime Tones with preset level control, a master volume control for speeches & Chime mixed output. There is a large 4 X 20 characters Liquid Crystal Display (LCD) to display system status and messages; the 24-key function keypad is for system configurations and operations. The built-in Microchip controller allows user-friendly system setting and simplifies complicated multi-zones grouping.

The EMKP-8001 also supplies with a high quality Microphone that is tuned to deliver clear speeches also minimized howling. No external DC power supply adapter is required for this device, it gets the power through CAT-5 network cable.

Features

- Build in microchip controller makes complicated functions simple inside one device
- The large 24 labeled matrix buttons make operation simple & user friendly
- Suitable for any PA project within 180 zones. Allow long distance (1.2KM) remote control to Emix zone selectors through CAT5 cable
- Build in 8 Chime tones with pre-set volume
- 7 levels of priority setting; highest priority is given to level 1. FIFO (first in first out) priority is given to the same priority level
- Balanced MIC & CHIME output with adjustable sensitivity
- Communication ports which carry 24V, Control Data and Balanced audio via CAT5
- Programmable zone grouping allow, up to 9 groups of 180 zones per group
- Zone Grouping & setting can be saved or recalled from internal memory
- Groups' memory & setting can be copied to linked EMKP-8001 with Sync Button
- Pre-settable Call duration limit (1 to 10 minutes) to avoid not intentionally touch
- CALL button can be set to Toggle mode or Momentary mode
- Single button on SELECT ALL or CLEAR ALL setting that make operation simple
- One touch EMERGENCY button to make all call announcement during emergency
- Heavy metal base with rubber feet to make it sit stable on desktop



Technical Specifications

Power Requirement	24V DC
Power Consumption	100mA
Zoning Capacity	180 Zones
Grouping Capacity	9 groups, each group can store up to 180 zones
Microphone	Condenser Mic
Output Impedance	600 Ohm balanced
Output Level	Balance Mic (0 - 700mV)
Output Dry Contact	N.A
Output Control	Chime and Mic Level
Data Output	RS485
Data Connection	RJ-45, via CAT-5 cable
Operating Distance	Up to 1.2km
Chime	8 types of Chime Tones
Display	4x20 characters LCD
Frequency Response	100hz - 12khz
S/N ratio	>60dB
Gooseneck Mic Length	400mm
Dimension (WxHxD)	179mm x 76mm x 231mm (without mic)
Weight (kg)	1.71kg

Application Schematic

