

DIGITAL AUDIO MATRIX

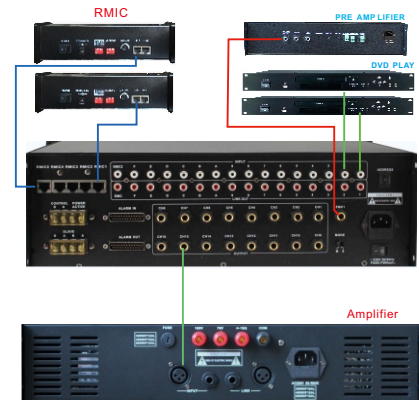
DC-1616B

Features:

- ◆ 16-channel audio input&16-channel output ;
- ◆ Each channel has independent volume control knob ;
- ◆ 16 extension jack for linking with more DC-1616A.
- ◆ For audio source B-F, they will be cut by paging from RMIC1 to RMIC5 respectively if there are signals from the correspondant RMIC.
- ◆ The 16th audio source is EMC priority signal input which has two input acks: EMC1&EMC2.
- ◆ There's a 25-pin EMC signal input. It can monitor alarm signal automatically and trigger the alarm signal to the 16th audio source .
- ◆ A 128×64 LCD with chinese/English manual which has timing selection unction for audio sources and the timing data can be added, modified or removed.
- ◆ Three programming cycles: By date, By week and By month;
- ◆ Three-button operation way:(UP, DOWN and ENTER) ;
- ◆ Address setting for the units;
- ◆ Short circuit signal to turn the unit on for emergency paging;
- ◆ Remote control of ON/OFF and remote selection for audio sources.Providing timing downloading program and collating time automatically..



Connection Schematic 1



Technical Specification

MODEL	DC-1616B
LINE input	16 channel:1~F can be connected randomly,EMC2 for emergency broadcast
MIC input	RMIC1~RMIC5: 10k ohms(Ω) 10V ,balanced input
LINE output	16 channels: (1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16 connected randomly)
Connect output	16 channels: 1~ F LINK OUT:1 EMC for emergency broadcast
EMC1 input	10k ohms(Ω) 330mV ,unbalanced
LINE input	10k ohms(Ω) 330mV ,unbalanced
LINE output	10k ohms(Ω) 0.775V (0 dB) ,unbalanced
Freq. response	60 Hz ~ 16k Hz (± 3 dB)
Alarm activate input	(0V)short circuit signal ALARM IN : CH1~CH16
Alarm activate output	(0V)short circuit signal ALARM OUT : CH1~CH16
Display	LCD display, English manual
Function control	16 volume adjust knobs, 3 manual operation buttons, ON/OFF, 1-bit address setting switch, a main/slave selector, 2 LINK jacks, short
Indicator	POWER
Protection	AC FUSE×0.5A×1
Power supply cable	(3×0.75 mm ²)×1.5M (standard)
Power supply	AC 220V ± 10% 50 -60Hz
Power consumption	15~20W
Dimensions	133(H)×483(W)×390(D)
Net Weight	7.1Kg

Connection Schematic 2

