

PAGING MIC ZONE DECODER

8 Ch Zone Decoder / Selector **TD6080**
 2 x 4 Ch Zone Decoder / Selector **TD6400**

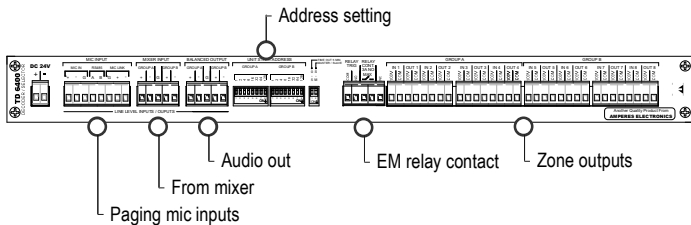


TD6080 is engineered for convenience where it combines data decoder and zone selector in a single box, which translates to fewer component counts and cabling cost. It is also suitable for decentralised installations of multiple locations, which can communicate with central paging system through RS485 or LAN.

TD6400 works similarly to TD6080, but the output zones are divided further to work with 2 inputs and 4 zones output. It provides more flexibility when working with Matrix Controller (MxP2288) as matrix output zone extender. This shall reduce the number of unused zones in matrix groupings.

Features

- Integrated paging mic zone decoder and zone selector for simplified interconnections
- Works as matrix zone extender
- Multipoint paging input from PD series of paging mics
- 8 input / 8 output configurable amp – speaker line connections
- Cascade feature for larger number of zones
- Configurable as group BGM / Paging for matrix setup:
 TD6080 : 1 BGM + 1 PD with 1 audio out or
 TD6400 : 2 BGM + 1 PD with 2 audio out

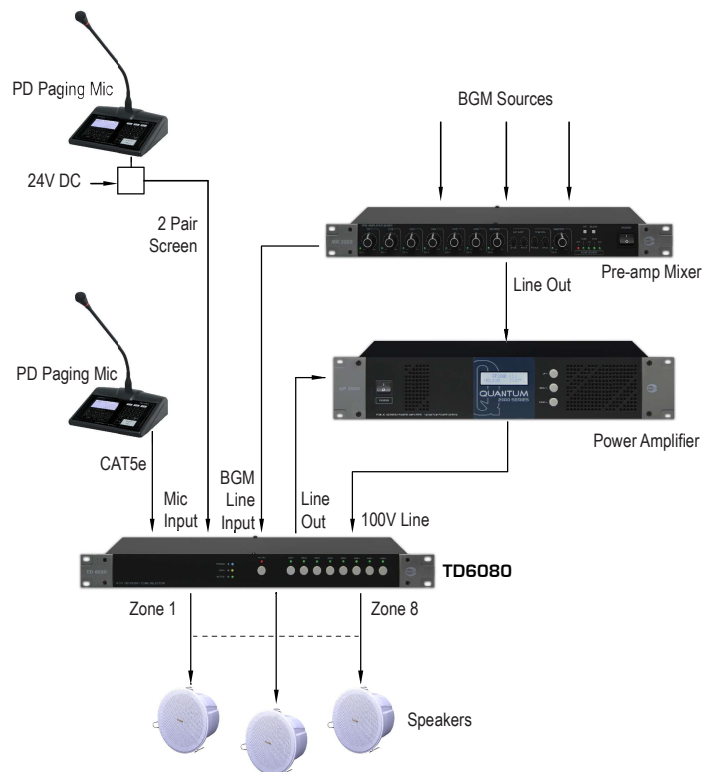


Rear view of TD6400

Technical Specifications

	TD6080	TD6400
Operating voltage	24V DC	
Consumption	6W (250 mA)	
Max load / channels	500W at 100V line	
Cascade quantity	16 unit (128 zone)	31 (248 zone)
Configuration	1 in x 8 zones	2 in x 4 zones
Input circuits	2 : 1 mic, 1 BGM	3 : 1 mic, 2 BGM
Audio Output	1	2
Number of zones	8	
Amplifier inputs	8	
Zone selection	Front panel switch & remote	
Indicators	Individual zone switch	
Switch mode	Individual, All Call Local zone selection bypassed when remote trigger is activated	
AUDIO		
Input impedance (Ohm)	Line : 10 K	
Output impedance	600 Ohm balanced	
Freq response	70 ~ 15 KHz	
Audio input	Line	
Max audio output	Line 1.2V (balanced)	
DATA		
Data protocol	RS485	
Baud rate	19.2 kbps	
Dimension (W x H x D)	482 x 44 x 180 mm	
Weight	2.00 kg	

Application Schematic



Typical configuration of TD6080 as zone decoder / selector.

TD6080 / TD6400 can be used as Matrix zone extender in Matrix output zone grouping. Please refer to schematic available in instruction manual.

Packing information (TD6080 & TD6400)

Carton size : 555 (L) x 295 (W) x 95 (H) mm
 Gross weight : 2.60 kg
 1 unit per carton

