



CD-8DF/CD-16DF

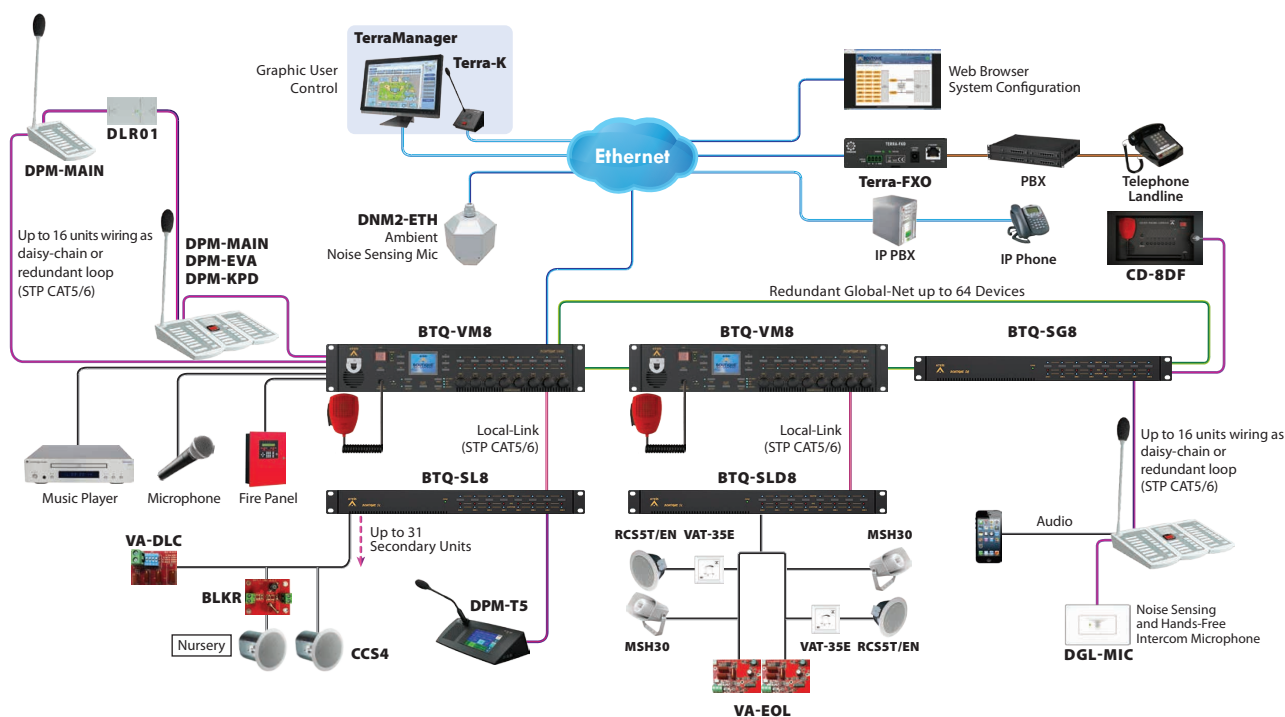


WallMount Paging Mic Console, 8/16 key, EVAC Button

The CD-8DF/CD-16DF wallmount paging mic console with 8/16 keys and EVAC button is designed with an encased IP30 heavy-duty metal box with a lockable cover. The 8/16 keys can set to act as single or group zone selection, event triggering, recording, message playing button etc.. All the settings are configured via web browser. The Talk button can also be programmed for PTT (press-to-talk) or latching mode. In addition, it is equipped with a fireman microphone and an evacuation button.

Up to 8 paging consoles can be connected to BTQ-SL8, and 16 on BTQ-VM4/VM8/SG8; the wiring can be daisy-chain or in redundant loop. The maximum communication cable length between the controller/secondary units and paging consoles is 250m (820 ft.) via STP CAT5/6 cable with shielded RJ45 connector. The CD-8DF/CD-16DF is also an eco-friendly product with extremely low power consumption (<1.5W) during standby mode.

APPLICATION EXAMPLE



CD-8DF/CD-16DF

WallMount Paging Mic Console,8/16 key,EVAC Button

FEATURES

- Wall-mount metal enclosure with lockable cover
- Up to 8 paging consoles can be connected to BTQ-SL8, and 16 on BTQ-VM4/VM8/SG8; the wiring can be daisy-chain or in redundant loop
- Control, management and monitor via web browser
- AGC (Automatic gain control) function

CONTROLS AND INDICATORS

- Fireman microphone (press-to-talk)
- Monitoring loudspeaker
- 8/16 programmable buttons with individual status LED
- Evacuation button
- Talk button (press-to-talk or latch mode)
- Select/cancel all/reset evacuation button
- Status LED (power/busy/hold/press to talk/select cancel all)

INTERCONNECTIONS

- Rear: 2 remote ports (shielded RJ45 connector, STP CAT5/6)

CERTIFICATIONS AND APPROVALS

Europe	Voice Alarm	EN54-16 (In process)
Europe	CE/EMI	EN55032: 2015 AC: 2016 Class A (In process)
Europe	CE/EMC	EN61000-3-2:2014 EN61000-3-3:2013 EN55020:2007/A11:2011 (In process)
Europe	CE/LVD	EN60065: 2014 (In process)
USA	Mass Notification Systems	UL2572 (Pending)
USA	Safety	UL60065 (Pending)

ELECTRICAL

- DC power input: 21 VDC ~ 29 VDC
- Power consumption: CD-8DF/CD-16DF
 - Full power: 5W/6W
 - Standby mode: 1W/1.5W

* If the control signal of CD-8DF/CD-16DF is not strong enough, it needs to connect to DLR01 digital loop repeater for extending the distance 250m longer. And if the power is not enough, connect a 24VDC local power on DLR01.

AUDIO CHARACTERISTICS

- A/D-D/A bit resolution: 24 bit
- Sampling rate: 48 kHz
- Frequency response: 20 Hz ~ 20 kHz (± 1 dB) @ 0 dBu
- SNR: > 85 dB
- THD+N: < 0.2 % @ 26 dB gain, -26 dBu (1 kHz) in
- Max. speaker SPL: 90 dBA @ 3m
- Max. mic SPL: 105 dBA @ 3m

NETWORK

- Max. remotes per BTQ-SL8: 8
- Max. remotes per BTQ-VM4/VM8/SG8: 16
- Max. distance between remote units: 250m (shielded RJ45 connector, STP CAT5/6)

MECHANICAL

- Dimensions (W x H x D)
 - CD-8DF: 329 x 187 x 101 mm (13 x 7.4 x 4 inch)
 - CD-16DF: 349 x 241 x 101 mm (13.7 x 9.5 x 4 inch)
- Weight
 - CD-8DF: 3.4 kg (7.5 lbs)
 - CD-16DF: 4.1 kg (9 lbs)
- Colour: RAL 7016

ENVIRONMENTAL

- Operating temperature: -5 °C ~ +55 °C (+23 °F ~ +131 °F)
- Storage temperature: -40 °C ~ +70 °C (-40 °F ~ +158 °F)
- Relative humidity: 20% to 95%
- Air pressure: 600 to 1100 hPa
- Heat dissipation
 - CD-8DF: 0.87 BTU/hr
 - CD-16DF: 0.89 BTU/hr

ORDERING INFORMATION

- CD-8DF: WallMount Paging Mic Console,8 key,EVAC Button
- CD-16DF: WallMount Paging Mic Console,16 key,EVAC Button