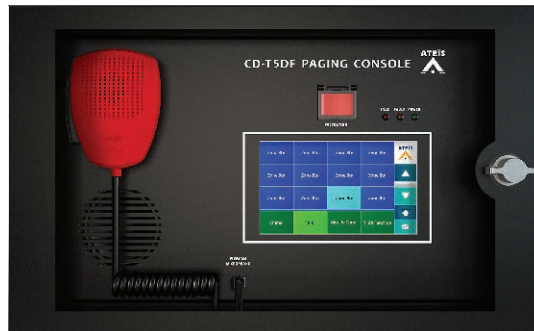


# CD-T5DF



## WallMount 5" TouchPanel Paging Mic Console, EVAC

The CD-T5DF wallmount paging mic console comes with a LCD touch screen panel, fireman microphone and evacuation button. It is designed with an encased IP30 heavy-duty metal box with a lockable cover. The 5" TFT touch screen panel provides call-paging, message broadcasting, event triggering, recording, message routing, message play, level control etc..

All paging functions and parameters for site operation such as naming zone buttons, zone group buttons, zone paging, pre/post chime settings can be pre-programmed via web browser. Moreover, several user levels with password protection make the CD-T5DF a versatile console that fits well in a commercial shopping centre or an industrial high-security facility.

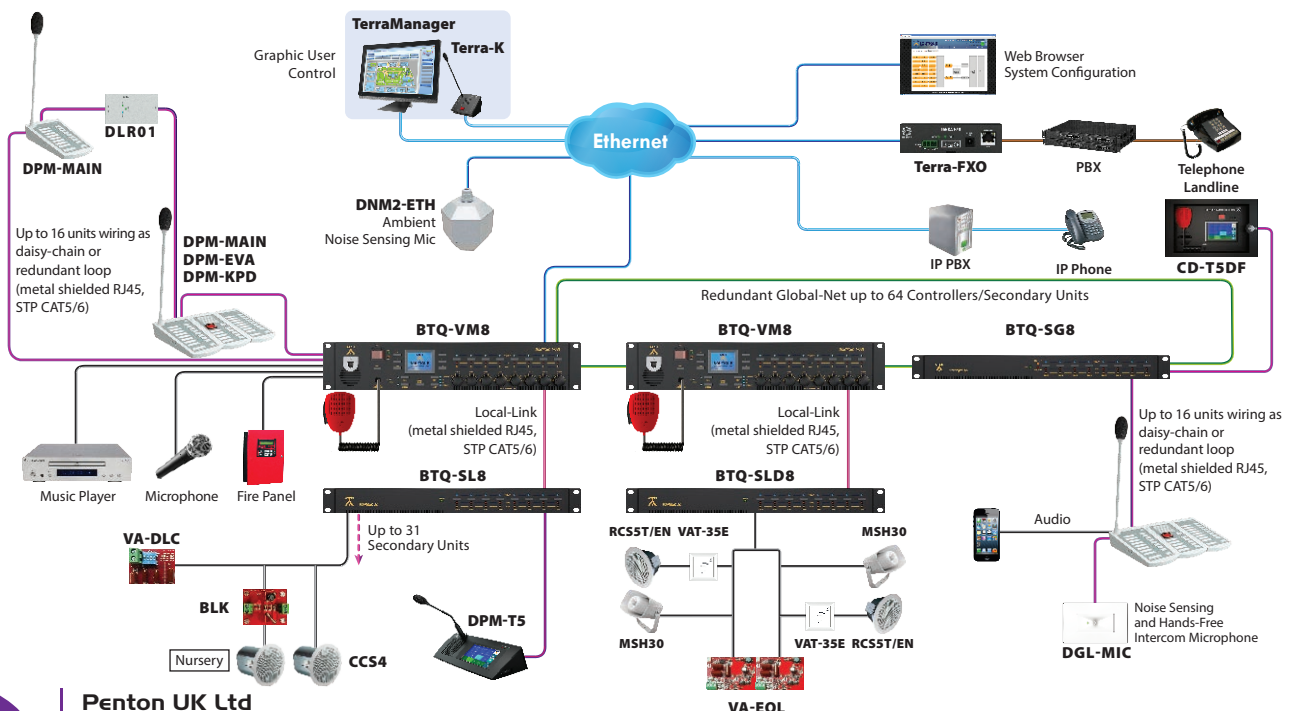
Up to 16 paging consoles can be connected to BTQ-SL8, and 32 on BTQ-VM4/VM8/SG8; the wiring can be daisy-chain or in redundant loop. The maximum communication cable length between the BTQ-VM/SL8/SG8 and CD-T5DF is 250M (820 ft.) via STP CAT5/6 cable with shielded RJ45 connector. The distance of cable length will directly affect the quantity and power requirement of CD-T5DF unit\*. The CD-T5DF is also an eco-friendly product with extremely low power consumption (1W) during standby mode.

\* The distance of cable length will directly affect the quantity and power requirement of CD-T5DF unit.

1. The longer the cable is, the less power the BTQ-VM/SL8/SG8 can supply to the remote units.
2. The more the remote units has cascaded in daisy-chain/redundant loop, the less power the BTQ-VM/SL8/SG8 can supply to the remote units.

Therefore, if the cable length between the BTQ-VM and CD-T5DF is within 125m, the CD-T5DF can be powered by BTQ-VM. If the cable length is beyond 125m, please connect the DLR01 digital loop repeater and PSU65-27 27VDC power adapter, ensuring the control signal and power supply of CD-T5DF units are enough. To know the max. distance between BTQ-VM/SL8/SG8 and CD-T5DF unit(s) and the max. distance which the CD-T5DF can be powered by DLR01 unit, please see BOUTIQUE user manual for details.

## APPLICATION EXAMPLE



# CD-T5DF

## WallMount 5" TouchPanel Paging Mic Console, EVAC

### FEATURES

- Wall-mount metal enclosure with lockable cover
- Up to 16 paging consoles can be connected to BTQ-SL8, and 32 on BTQ-VM4/VM8/SG8; the wiring can be daisy-chain or in redundant loop
- Control, management and monitor via web browser
- Support multiple pages for assigned zones/events on LCD panel
- AGC (Automatic gain control) function

### CONTROLS AND INDICATORS

- 5" full colour touch screen, 800 x 480 pixels
- Fireman microphone (push-to-talk)
- Monitoring loudspeaker
- Evacuation button
- 3 status LED (evac/power/fault)

### INTERCONNECTIONS

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

### CERTIFICATIONS AND APPROVALS

|        |             |                                           |
|--------|-------------|-------------------------------------------|
| Europe | Voice Alarm | EN 54-16<br>(1438-CPR-0947)               |
| Europe | CE/EMI      | EN 55032<br>(In process)                  |
| Europe | CE/EMC      | EN 55020<br>IEC 61000-4-2<br>(In process) |
| Europe | CE/LVD      | EN 60065<br>(In process)                  |
| USA    | Safety      | UL 60065<br>(Pending)                     |

### ELECTRICAL

- DC power input: 21 VDC ~ 29 VDC
- Power consumption
  - Full power: 15W
  - Standby mode: 1W

### AUDIO CHARACTERISTICS

- A/D-D/A bit resolution: 24 bit
- Sampling rate: 48 kHz
- Frequency response: 20 Hz ~ 20 kHz ( $\pm 1$  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: 16
- Max. remotes per BTQ-VM4/VM8/SG8
- Daisy-chain wiring
  - 16 CD-T5DF units for 1 remote port
  - 32 CD-T5DF units for 2 remote ports
- Redundant loop: 16 CD-T5DF units
- Max. communication distance between BTQ-VM/SL8/SG8 and CD-T5DF: 250m (shielded RJ45 connector, STP CAT5/6)

\* The distance of cable length will directly affect the quantity and power requirement of CD-T5DF unit.

1. The longer the cable is, the less power the BTQ-VM/SL8/SG8 can supply to the remote units.
2. The more the remote units has cascaded in daisy-chain/redundant loop, the less power the BTQ-VM/SL8/SG8 can supply to the remote units.

Therefore, if the cable length between the BTQ-VM and CD-T5DF is within 125m, the CD-T5DF can be powered by BTQ-VM. If the cable length is beyond 125m, please connect the DLR01 digital loop repeater and PSU65-27 27VDC power adapter, ensuring the control signal and power supply of CD-T5DF units are enough. To know the max. distance between BTQ-VM/SL8/SG8 and CD-T5DF unit(s) and the max. distance which the CD-T5DF can be powered by DLR01 unit, please see BOUTIQUE user manual for details.

### MECHANICAL

- Dimensions (W x H x D): 339 x 208 x 101 mm (13.3 x 8.2 x 4 inch)
- Weight: 3.4 kg (7.5 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: 4.3 BTU/hr

### ORDERING INFORMATION

- CD-T5DF: WallMount 5" TouchPanel Paging Mic Console, EVAC