

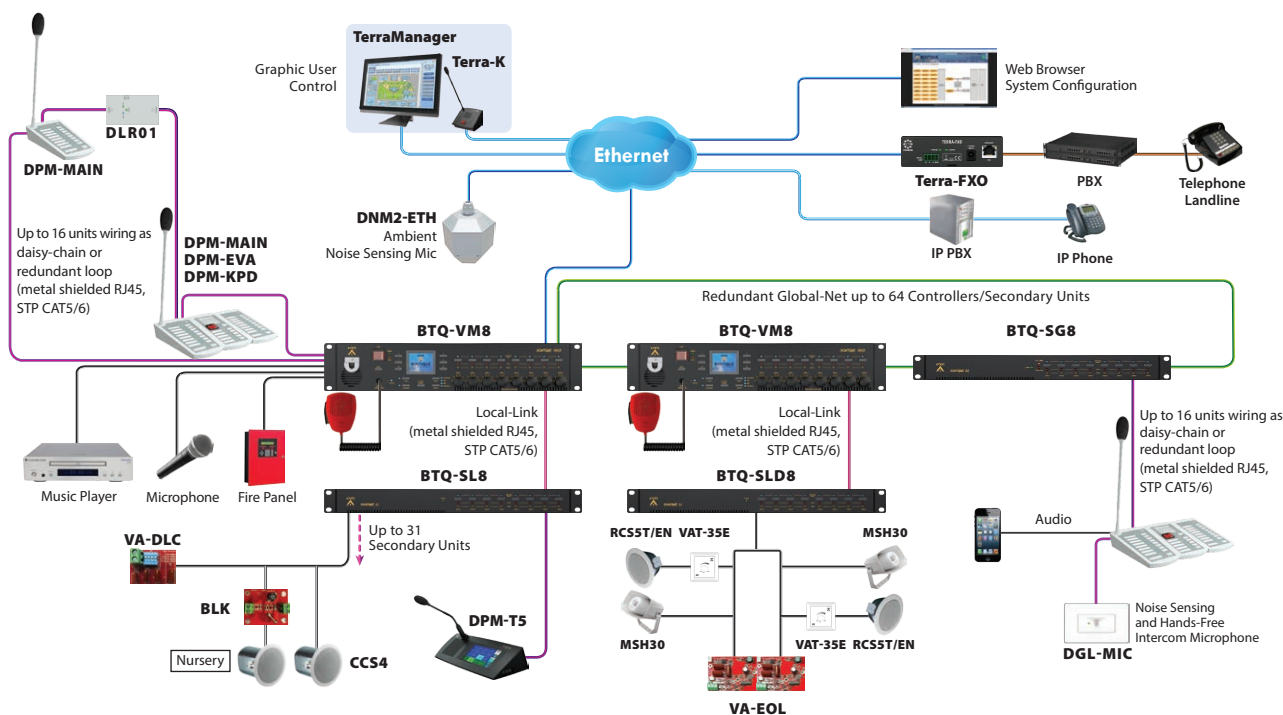


**DPM-T5 - 5" TouchPanel Paging Mic Console**  
**DPM-T5F - 5" TouchPanel Paging Mic Console w/EVAC Button**

The DPM-T5/DPM-T5F 5" TFT touchpanel paging mic console provides call-paging, message broadcasting, event triggering, recording, message routing, message play, level control etc.. 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 controller/secondary units and paging consoles is 250M (820 ft.) via STP CAT5/6 cable with metal shielded RJ45 connector. The DPM-T5 is equipped with a 3.5mm phone jack mic input and a speaker output for the connection of external headset. Both DPM-T5 and DPM-T5F have a mini-USB port for PC/Laptop connection, making the far-end device using Skype, QQ, WhatsApp etc. be paged to BOUTIQUE system. In addition, the DPM-T5F has an evacuation button. The backlit full colour touch screen panel is designed for user-friendly operation and offers multiple pages for the selection of a zone/a group of zones.

All paging functions and parameters for site operation can be pre-programmed, such as naming zone buttons, zone group buttons, zone paging, message triggering, level control, pre/post chime, plus several settings such as selection of using built-in or external mic/speaker, built-in mic/speaker volume, gooseneck mic calibration etc.. can be adjusted via DPM-T5/DPM-T5F. Moreover, password protection make the DPM-T5/DPM-T5F a versatile device that fits well in a commercial shopping centre or an industrial high-security facility. The DPM-T5/DPM-T5F is also an eco-friendly product with extremely low power consumption (1W) during standby mode.

**APPLICATION EXAMPLE**



## DPM-T5 - 5" TouchPanel Paging Mic Console

### DPM-T5F - 5" TouchPanel Paging Mic Console w/EVAC Button

#### FEATURES

- Display the status of fault, zone, monitoring
- Message playing, zone selection, level adjustment, event triggering
- Support multiple pages for assigned zones/events
- AGC (Automatic gain control) function
- Monitoring loudspeaker

#### CONTROLS AND INDICATORS

- 5" full colour touch screen, 800 x 480 pixels
- 3 status LED display the power, fault and evac status
- Evacuation button (DPM-T5F only)

#### INTERCONNECTIONS

- Front: Gooseneck microphone
- Rear: 2 remote ports (metal shielded RJ45 connector, STP CAT5/6)
- Side
  - 1 x Mini-USB to connect to PC/Laptop
  - 2 x 3.5 mm mini-jack for earphone and microphone (DPM-T5 only)

#### CERTIFICATIONS AND APPROVALS

Europe	Voice Alarm	EN 54-16 (In process)
Europe	CE/EMI	EN 55032 (In process)
Europe	CE/EMC	EN 55020 IEC 61000-4-2 IEC 61000-4-4 (In process)
Europe	CE/LVD	EN 60065 (In process)
USA	Safety	UL 60065 (Pending)

#### ELECTRICAL

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

#### AUDIO CHARACTERISTICS (GENERAL)

- 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
- Capsule type: Electret condenser
- Capsule Sensitivity: -15 dBu/Pa @1 kHz
- Capsule directivity: Uni-directional
- Polar pattern: Cardioid

#### AUDIO CHARACTERISTICS (HEADSET-JACK)

- Maximum input level: -3 dBu
- Maximum output level: 2.5 dBu
- Input gain (fixed): 3 dB
- Input impedance: 2k ohm
- Output impedance: 25 ohm
- Delivering power: 150 mW

#### NETWORK

- Max. remotes per BTQ-SL8: 16
- Max. remotes per BTQ-VM4/VM8/SG8
  - Daisy-chain wiring
    - ♦ 16 DPM-T5/T5F units for 1 remote port
    - ♦ 32 DPM-T5/T5F units for 2 remote ports
  - Redundant loop: 16 DPM-T5/T5F units
- Max. distance between remote units: 250m (metal shielded RJ45 connector, STP CAT5/6)

#### MECHANICAL

- Dimensions (W x H x D)
  - DPM-T5 base: 284 x 80 x 174 mm (11.2 x 3.1 x 6.9 inch)
  - DPM-T5F base: 320 x 174 x 170 mm (13 x 6.9 x 6.7 inch)
  - DPM-T5 with microphone: 284 x 332 x 174 mm (11.2 x 13 x 6.9 inch)
  - DPM-T5F with microphone: 320 x 332 x 174 mm (13 x 13 x 6.9 inch)
- Weight
  - DPM-T5: 1.1 kg (2.4 lbs)
  - DPM-T5F: 1.5 kg (3.3 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

- DPM-T5: 5" TouchPanel Paging Mic Console
- DPM-T5F: 5" TouchPanel Paging Mic Console w/EVAC Button