



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. The maximum communication cable length between the controllers and DPM-T5/DPM-T5F 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 DPM-T5/DPM-T5F unit*.

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/SINERGIA 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.

* The distance of cable length will directly affect the quantity and power requirement of DPM-T5/DPM-T5F unit.

1. The longer the cable is, the less power the BTQ-VM/VMW/SL8/SG8, SNG-VM/VMW/AM/PR 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/VMW/SL8/SG8, SNG-VM/VMW/AM/PR can supply to the remote units.

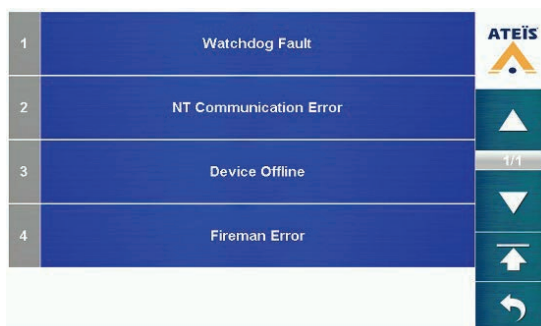
Therefore, if the cable length between the controllers and DPM-T5/DPM-T5F is within 125m, the DPM-T5/DPM-T5F can be powered. If the cable length is beyond 125m, please connect the DLR01 digital loop repeater and PSU65-27 27VDC power adapter, ensuring the control signal and power supply of DPM-T5/DPM-T5F units are enough. To know the more details of distance, please check the user manuals of BOUTIQUE or SINERGIA.

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ROUTING

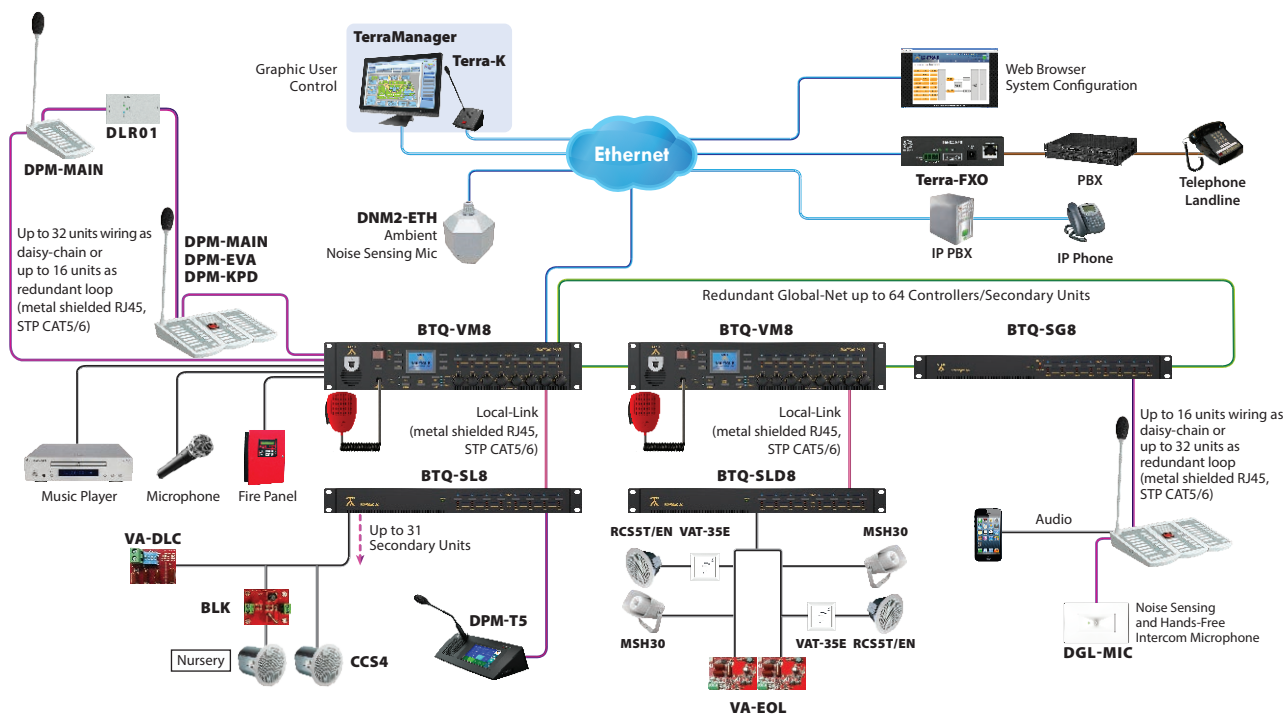
Select and route an audio source to the zones of BOUTIQUE or SINERGIA system.



MONITOR AND FAULT DISPLAY

Detect the faults automatically, and show the details on the LCD panel.

BOUTIQUE SYSTEM APPLICATION



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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 (1438-CPR-0947)
Europe	CE/EMI	EN 55032
Europe	CE/EMC	EN 55035 EN 61000-3-2 EN 61000-3-3
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 (± 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

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 (-104 °F ~ +158 °F)
- Relative humidity: 20% to 95%
- Air pressure: 600 to 1100 hPa
- Heat dissipation: 4.3 BTU/hr

ORDERING INFORMATION

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