



TOUCH SCREEN PAGING CONTROL STATION

OL-T5

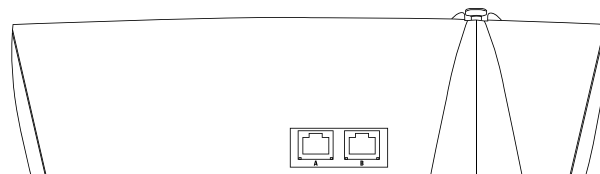
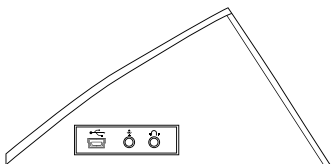
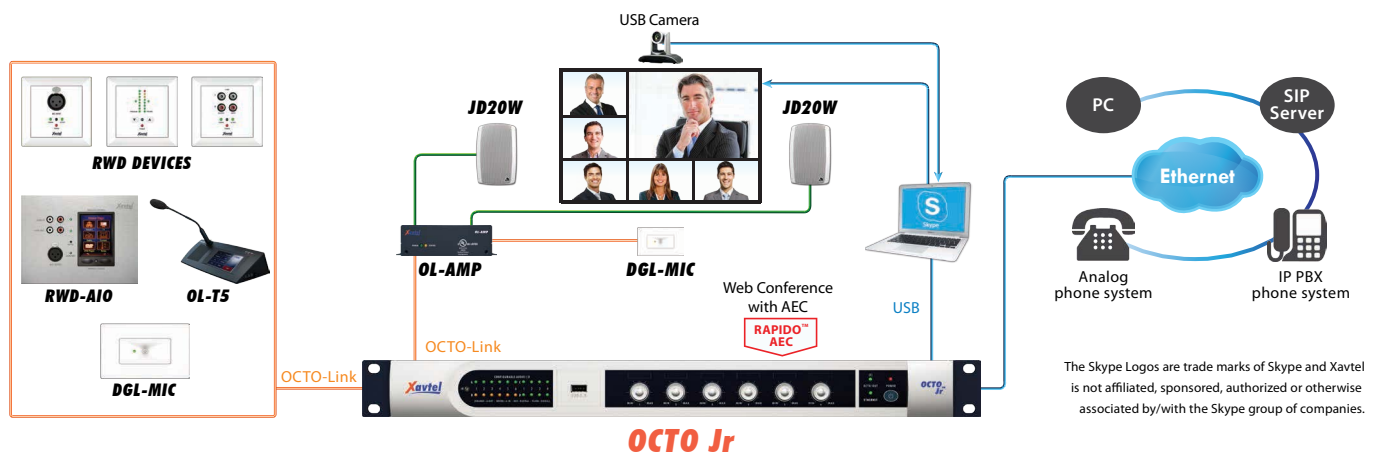
The OL-T5 is a 5" LCD touch screen paging console. All the configuration for site operation can be pre-programmed by OCTO Jr Designer software and controlled by OL-T5 such as zone paging, pre-chime/post-chime setting, audio routing, message playing, message event triggering, stacking paging, VoIP for tele-conferencing, integration with 3rd party system (via RS485/UDP protocol), volume control and fault list.

The OL-T5 is connected to the OCTO-Link port on OCTO Jr audio processor, and the maximum communication cable length between them is 250M (820 ft.) via STP CAT5/6 cable.

The OL-T5 is equipped with 2 x 3.5mm mini-jack for earphone and microphone connection, and a mini-USB interface, allowing to connect to the PC/Laptop for distance conferencing via Skype, QQ, WeChat, WhatsApp, etc..

In addition, the OL-T5 has the password protection, making it be applicable to commercial shopping centre, hotel, office and conference room application. Its backlit full colour touch screen panel is designed for user-friendly operation and offers multiple pages for zone or group of zones selections.

APPLICATION EXAMPLE



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OL-T5

Control and indicators

5" full colour touch screen, 800 x 480 pixels
3 LED status indicators (power, fault, status)

Interconnections

| | |
|------------|---|
| Rear panel | 2 x RJ45 OCTO-Link ports (STP CAT5/6) |
| Side panel | 1 x Mini-USB (distance conferencing via Skype, WhatsApp etc.) 2 x 3.5 mm mini-jack for earphone and microphone |

Electrical

| | |
|-------------------|--|
| DC power input | 21 ~ 31 VDC |
| Power consumption | Full power: 5.5W Standby mode: 1.9W |

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 |
| EIN | < -90 dBu @ 18 dB gain |
| THD+N | < 0.1 % @ 18 dB gain, -18 dB (1 kHz) in |

Audio characteristics (Mic-Jack)

| | |
|---------------------|--------|
| Maximum input level | -6 dBu |
| Input gain (fixed) | 6 dB |
| Input impedance | 5k ohm |

Audio characteristics (Headphone-Jack)

| | |
|----------------------|---------|
| Maximum output level | 2.5 dBu |
| Output impedance | 25 ohm |
| Delivering power | 150 mW |

Audio characteristics (Speaker)

| | |
|--------------------|--------------------------------------|
| Frequency response | 20 Hz ~ 20 kHz (± 3 dB) @ 8 dBu |
| Max. SPL | 100 dBA @ 3m |

Audio characteristics (DGM Microphone)

| | |
|---------------------|--------------------|
| Input gain (fixed) | 18 dB |
| Capsule sensitivity | -15 dBu/Pa @ 1 kHz |
| Maximum SPL | 115 dBA |
| Dynamic range | 80 dB |
| Capsule type | Electret condenser |
| Capsule directivity | Uni-directional |
| Polar pattern | Cardioid |

Network

| | |
|--|-------------------------|
| Max. distance between OCTO Jr and OL-T5 | 250M (STP CAT5/6 cable) |
|--|-------------------------|

Mechanical

| | |
|-----------------------|--|
| Dimension (W x H x D) | Base: 285 x 80 x 155 mm (11.2 x 3 x 6 inch) Mic length: 260 mm (10.2 inch) |
| Weight | Base: 1.8 kg (2.2 lbs) Mic: 0.2 kg (4.4 lbs) |
| Color | PANTONE 7546C |

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

OL-T5: Touch Screen Paging Control Station



ATEIS Europe B.V.
Celsiusstraat 1, 2652 XN Lansingerland, Netherlands
Phone +31 (0)10 208 86 90, www.ateis-europe.com, info@ateis-europe.com

