Handset Intercom

**TD-H/B**

**Features**
- All-master selective ring system
- Single-master configuration or intermix w/TD-1H/B
- Multi-conductor cable in loop
- Multi-talk channels
- Door station(s), audio or PanTilt video (max. 2)
- Zone paging, with or without talkback

**Communication network**

**Power supply**
- PS-1225S
- PS-1225UL
- PS-1225BF
- PS-1225DM
- PS-1225-O → P.136

**Wiring**

**1) All-master configuration**

(2) Door station communication

- Install main cable of max. conductors allowed for each TD-H/B station model.

- Terminal 5 for door 1, 6 for door 2. DE-UR’s should be powered by power supply.
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**Communication network**

**Features**

- Wiring
- Zone paging, with or without talkback
- Door station(s), audio or Pan/Tilt video (max. 2)
- Multi-talk channels
- Multi-conductor cable in loop
- All-master selective ring system

**Specifications (TD-H/B)**

- **Power source**: 12V DC, 70mA per station.
- **Power supply**: PS-1225S, PS-1225UL, PS-1225BF, PS-1225DM, PS-1225-O
- **Communication**: Depress a station selector 1–12 and CALL (or CALL A) to ring station 1–12 (or A1–A12). Lift handset to reply. Door calls in w/standard or faster(B) intermittent tone, 2-1/2 sec. Pick up and depress the selector assigned.
- **Power supply**: PS-1225S, PS-1225UL, PS-1225BF, PS-1225DM, PS-1225-O

**Wiring**

- **(4) Straight paging w/PD-1 (single-zone)**
- **(5) Paging with talkback w/PD-2 (single zone)**

**Unit dimensions**

- **TD-1H/B – TD-12H/B**: 12-call master
- **TD-24H/B**: 24-call master

**Lineup**

- **PD-1**: Zone page adaptor
- **PD-2**: Zone page/talkback adaptor
- **RY-AC/A**: External signaling relay

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For desk-top or surface wall mounting, provide TD-n/A terminal box w/1.5m cord.

**TDW-1/A**
- TD-1H/B terminal box
- TD-3H/B terminal box

**TDW-6/A**
- TD-6H/B terminal box

**TDW-24/A**
- TD-12H/B terminal box
- TD-24H/B terminal box

**Power supply**
- PS-1225S
- PS-1225UL
- PS-1225BF
- PS-1225DM
- PS-1225-O

**TD-1H/B ~ TD-12H/B**

**Specifications (PD-1, PD-2)**

- **Power source**: PD-1: 12V DC, 300mA.
  PD-2: 12V DC, 48mA (talkback).
- **Output**: 5KΩ. Max. 1.5V
- **Paging & music tone controls**: Treble 12dB at 10KHz. Bass 12dB at 100Hz.
- **Amp. input**: AUX or PHONO 100K-500KΩ, 0.12–0.5V
- **Music input**: 17KΩ, 0.3V, 1KHz. for full output
- **Tuner output**: Audio output: Range 100mV–1.2V, 10KΩ or less
  Low level output: Range 100mV–1.2V, 600Ω
- **Talkback gain**: 40dB, 1KHz. at max. volume
- **Environmental noise**: Less than 80dB (phon)

**Paging**
- Select an assigned selector # and page w/PAGE button depressed. Release to receive reply

**Wiring**
- 3 wires to TD-H/B via power supply