

Door Stations: mix and match up to 2 (counts toward total capacity of 25 stations)



AX-DM
Audio Door Station

- Plastic chassis
- Weather resistant
- Mullion surface mount

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IF-DA
Audio Door Station

- Plastic chassis
- Weather resistant
- Surface mount

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IE-JA
Audio Door Station

- Stainless steel cover
- Weather resistant
- Flush mount (fits 2-gang box)

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IE-SS/A
Audio Door Station

- Stainless steel panel
- Weather and vandal resistant
- Flush mount (fits 2-gang box)

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IE-SSR
Audio Door Station

- Red mushroom call button
- Stainless steel panel
- Weather and vandal resistant
- Flush mount (fits 2-gang box)

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Paging Speaker: install number of speakers needed (based on amplifier wattage)



SP-2570N
Ceiling Speaker

- 8Ω, 25/70V, 5W
- Indoor use
- Flush mount

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Door Station Adaptor (1 required per door station)



DE-UR
Door Station Adaptor

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2 wires
Aiphone #822202
(max. 500')

4 wires
Aiphone #822206

Paging Amplifiers (1 required per paging adaptor)



MD35M
35W Paging Amplifier

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MD60M
60W Paging Amplifier

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MD120M
120W Paging Amplifier

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2 wires
Aiphone #822202

2 wires
Aiphone #822202

System Features

- 1, 3, 6, 12, and 24-call handset audio master stations available
- Audio door stations can be added (1 or 2 doors)
- Up to 23 master stations when 2 door stations are installed
- Paging zone(s) with optional talkback
- External signaling device when calling a handset (requires RY-AC/A)

Dimensions

| | INCHES | | | | MILLIMETERS | | | |
|-------------------------------------|---------|----------|---------|----------|-------------|-------|-------|----------|
| | Height | Width | Depth | Diameter | Height | Width | Depth | Diameter |
| AX-DM | 6-5/16" | 1-11/16" | 7/8" | - | 160 | 43 | 22.5 | - |
| DE-UR | 6-5/16" | 5-7/8" | 1-3/4" | - | 160 | 150 | 45 | - |
| IE-JA | 4-1/2" | 4-9/16" | * | - | 115 | 116 | * | - |
| IE-SS/A, IE-SSR | 4-3/4" | 4-3/4" | * | - | 121 | 121 | * | - |
| IF-DA | 5-1/8" | 3-7/8" | 1-1/8" | - | 130 | 98 | 28.5 | - |
| MD35M, MD60M, MD120M | 1-3/4" | 8-1/2" | 12-1/2" | - | 44.5 | 215.9 | 317.5 | - |
| PD-1, PD-2 | 2" | 3-9/16" | 5-7/16" | - | 51.5 | 90 | 138 | - |
| SP-2570N | - | - | ** | 12-7/8" | - | - | ** | 327 |
| TD-nH/B (n = 1, 3, 6, or 12) | 8-1/4" | 3-15/16" | 2-7/8" | - | 210 | 100 | 73 | - |
| TD-24H/B | 8-1/4" | 3-15/16" | 3-1/4" | - | 210 | 100 | 83 | - |

*Aiphone recommends a 2-1/2" minimum back box depth for all flush mount stations.

**SP-2570N has a 3/8" depth projection from the surface.

Master Stations: mix and match up to 25 (mix and match up to 23 if using the maximum of 2 door stations or mix and match up to 11 if using the maximum of 2 door stations and 12 paging adaptors)



TD-1H/B
1-Call Audio Master Station
(cannot be used for door answering)
• Handset for privacy
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TD-3H/B
3-Call Audio Master Station
• Handset for privacy
→ p. 102



TD-6H/B
6-Call Audio Master Station
• Handset for privacy
→ p. 102



TD-12H/B
12-Call Audio Master Station
• Handset for privacy
→ p. 102



TD-24H/B
24-Call Audio Master Station
• Handset for privacy
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Paging Adaptors: mix and match up to 12 (counts toward total capacity of 25 stations and requires 1 paging amplifier per paging adaptor)



PD-1
Zone Paging Adaptor
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PD-2
Zone Paging/Talkback Adaptor
→ p. 103

3 wires
Aiphone
#822203

2 wires
Aiphone
#822202

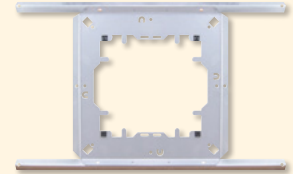


PS-1225UL
12V DC, 2.5A
Power Supply
→ p. 111

Accessories



SBX-2G/A
Surface Mount Box for
IE-JA, IE-SS/A, or IE-SSR
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SSB-2
Ceiling Support
Bracket for SP-2570N
→ p. 109



TDW-nA
Terminal Box for TD-nH/B
(n=1, 3, 6, 12 or 24)
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RY-AC/A
External Signaling Relay
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Wiring

There are many different wiring configurations possible with the TD-H Series.

For additional help, contact Aiphone's Technical Support.

800.692.0200



Specifications

Power Source 12V DC – use PS-1225UL

Communication Handset (full-duplex)

Door Release N/O dry contact, 30V AC/DC, 1A (at DE-UR)

Wire Type Door Station to DE-UR: 2 cond., overall shield – use Aiphone #822202

DE-UR to Master Station: 6 cond., overall shield – use Aiphone #822206

TD-1H/B: 6 cond., overall shield – use Aiphone #822206

TD-3H/B, TD-6H/B: 10 cond., overall shield – use Aiphone #822210

TD-12H/B, TD-24H/B: 16 cond., overall shield – use Aiphone #812216 (two runs of 812216 are required for full functionality of the TD-24H/B)

Distance Door Station to Adaptor:
500' (22 AWG) 1,200' (18 AWG)

Between Master Stations:
2,000' (22 AWG) 4,800' (18 AWG)