



TD-H Series

Selective Call Intercom System



For Commercial and Industrial Applications

Features & Benefits

• Variety of stations

Mix and match up to 25 stations to create the desired communication solution

• Access control

Select up to 2 door stations to have entry security in addition to communication

• Paging and talkback

Page individual zones or all zones at once, both with talkback capability

• Internal communication

Call and receive calls from any connected master station (multi-talk paths allowed)

• Handset page button

Prevent accidental paging with the strategic location of the page button (also used for door release)

• Complements phone system

Improve communication with quick access paging, a feature telephones do not offer

• Great for noisy environments

Use the system's speakers and amplifiers to produce loud and clear announcements in any environment

• Reliable and designed to last

Install the system and have guaranteed trouble-free use for years to come!



Ideal Applications



Offices



Retail Outlets



Warehouses



Industrial Facilities

Components - Mix and match up to 25 stations

A maximum of 2 door stations and 12 paging adaptors are allowed in a system configuration

Optional Door Stations - Install up to 2 (counts toward total capacity of 25 stations)



AX-DM

Audio Door Station

- Plastic cover
- Mullion surface mount
- 6-5/16" H
- 1-11/16" W
- 7/8" D



IE-DA

Audio Door Station

- Plastic cover
- Surface mount
- 5-1/8" H
- 3-7/8" W
- 1-1/8" D



IE-JA

Audio Door Station

- Stainless steel faceplate
- Flush mount
- Fits 2-gang box
- 4-1/2" H
- 4-9/16" W
- 2-1/2" D (back box depth)



IE-SS/A

Audio Door Station

- Stainless steel
- Flush mount
- Fits 2-gang box
- 4-3/4" H
- 4-3/4" W
- 2-1/2" D (back box depth)



IE-SSR

Audio Door Station

- Red mushroom call button
- Stainless steel
- Flush mount
- Fits 2-gang box
- 4-3/4" H
- 4-3/4" W
- 2-1/2" D (back box depth)



IE-SSV

Audio Door Station

- Built-in CCTV camera
- Stainless steel
- Flush mount
- Fits 2-gang box
- 4-3/4" H
- 4-3/4" W
- 2-1/2" D (back box depth)

Door Station Adaptor

(1 required per door station)



DE-UR

Door Station Adaptor

- Allows door station to be added for access control
- Activates door release
- 6-5/16" H
- 5-7/8" W
- 1-3/4" D

Master Stations - Install up to 25 (up to 23 if using 2 door stations or up to 11 if using 2 door stations and 12 paging adaptors)



TD-1H/B*
1-Call Audio Master Station

- Handset for privacy

TD-1HL*
(not shown)

1-Call Audio Master Station

- Handset for privacy
- Call LED
- Tone-off switch



TD-3H/B
3-Call Audio Master Station

- Handset for privacy

TD-3HL
(not shown)

3-Call Audio Master Station

- Handset for privacy
- Call LED
- Tone-off switch



TD-6H/B
6-Call Audio Master Station

- Handset for privacy

TD-6HL
(not shown)

6-Call Audio Master Station

- Handset for privacy
- Call LED
- Tone-off switch



TD-12H/B
12-Call Audio Master Station

- Handset for privacy

TD-12HL
(not shown)

12-Call Audio Master Station

- Handset for privacy
- Call LED
- Tone-off switch



TD-24H/B
24-Call Audio Master Station

- Handset for privacy

*TD-1H/B and TD-1HL cannot be used for door answering

Dimensions: 8-1/4" H (all) 3-15/16" W (all) 2-7/8" D (TD-nH/B / nHL n = 1, 3, 6, or 12) 3-1/4" D (TD-24H/B)

Components - Mix and match up to 25 stations ▶ A maximum of 2 door stations and 12 paging adaptors are allowed in a system configuration

Paging Adaptors - Install up to 12 (counts toward total capacity of 25 stations)



PD-1*
Zone Paging Adaptor
2" H 3-9/16" W 5-7/16" D



PD-2*
Zone Paging / Talkback Adaptor
2" H 3-9/16" W 5-7/16" D

*One paging amplifier required for each PD-1 / PD-2 - use T3115BGM, T3130BGM, DMA2060, or DMA2120.

Paging Speakers - Install number of speakers needed (based on amplifier wattage)



AH-16TN
Horn Speaker
• 8Ω, 25/70V, 16W
• Indoor or outdoor use
• Surface mount
Bell Diameter: 8-1/4"
Depth: 9"



AH-32TN
Horn Speaker
• 8Ω, 25/70V, 32W
• Indoor or outdoor use
• Surface mount
Bell Diameter: 8-1/4"
Depth: 9"



SP-2570N
Ceiling Speaker
• 8Ω, 25/70V, 4W
• Indoor use
• Flush mount
Diameter: 12-7/8"
Baffle Diameter: 8"

Paging Amplifiers (1 required per paging adaptor)



DMA2120
120W Paging Amplifier
4" H 10-3/4" W 11" D



DMA2060
60W Paging Amplifier
4" H 10-3/4" W 11" D



T3130BGM
30W Paging Amplifier
3-1/2" H 10-1/2" W 9-1/2" D



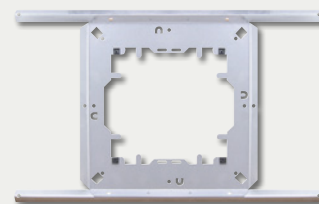
T3115BGM
15W Paging Amplifier
3-1/2" H 10-1/2" W 9-1/2" D

Power Supply 1 required per system



PS-1225UL
12V DC Power Supply
6-9/16" H 3-9/16" W 2-1/16" D

Accessories



SSB-2
Ceiling Support
Bracket for SP-2570N



HID-SS
Card Access
Station with
HID® ProxPoint®
Plus Proximity
Card Reader
(requires a 3rd party host)



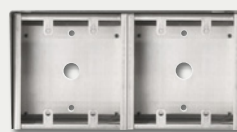
ICP-BR
Brass
Faceplate
for IE-JA



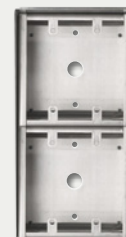
ICP-AB
Antique Brass
Faceplate
for IE-JA



SBX-2G
Surface Mount
Box for IE-JA,
IE-SS/A, IE-SSR,
or IE-SSV



SBX-2BH
Horizontal Surface
Mount Box for HID-SS
and one IE-JA, IE-SS/A,
IE-SSR, or IE-SSV



SBX-2BV
Vertical Surface
Mount Box for
HID-SS and one
IE-JA, IE-SS/A,
IE-SSR, or IE-SSV



TDW-nA
Terminal Box for TD-nH/B
(n=1, 3, 6, 12 or 24)



RY-AC/A
External Signaling Relay

Specifications

Power Source	12V DC - use PS-1225UL	Communication	Handset (full-duplex)
Consumption	Max. 70mA per station	Door Release	N/O 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., non-shielded - use Aiphone #822206 TD-1H/B / TD-1HL to another Master Station: 6 cond., non-shielded - use Aiphone #822206 TD-3H/B / TD-3HL / TD-6H/B / TD-6HL: 10 cond., overall shield - use Aiphone #822210 TD-12H/B / TD-12HL / TD-24H/B*: 16 cond., non-shielded - use Aiphone #812216 *Two runs of 812216 are required for full functionality of the TD-24H/B		
Wiring Distance	Door Station to DE-UR: 500'(22AWG) 1,200'(18AWG) Between Masters: 2,000'(22AWG) 4,800'(18AWG)		

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TD-H Series
Brochure
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