AIPHONE®

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

IF-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

NOTE: 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 and requires 1 paging amplifier per paging adaptor)

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

Paging Amplifiers *(1 required per paging adaptor)*

P30BGM
30W Paging Amplifier
3-1/2" H   10-1/2" W   9-1/2" D

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

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

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: 8-1/8"
  Depth: 9"

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

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

Power Supply
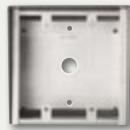*(1 required per system)*

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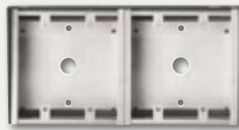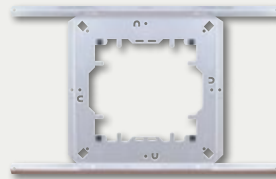*6-9/16" H*
3-9/16" W
2-1/16" D

Accessories

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

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

SSB-2
Ceiling Support
Bracket for
SP-2570N

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., overall shield - use Aiphone #822206
	TD-1H/B / TD-1HL to another Master Station: 6 cond., overall shield - 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)

Local Aiphone Experts are here to help.
CONTACT US TODAY!