



SELECTIVE CALL INTERCOM SYSTEM

TD-H series, TD-Z series



AIPHONE NOW HAS TWO COMMUNICA SERIES SELECTIVE CALL INTERCOM SYSTEMS TO CHOOSE FROM.

- TD-H; Multi-channel, semi-private system designed for homes, shops and any business application.
- TD-Z; Full trunkage, privacy system designed for any institutions where conversations must be private.

The TD-H and TD-Z are independent systems and cannot be intermixed.

SYSTEM FEATURES

- * A variety of intermixable station models.
 - TD-H system, 1-, 3-, 6-, 12- and 24-call masters.
 - TD-Z system, 6- and 12-call masters.
- * Select either wall-mount or desk-type models.
 - TD-H & TD-Z type with no terminal box or cord.
 - TD-HW & TD-ZW type with terminal box & 1.5 m (5') cord. (May also be used when mounting to the wall.)
- * Individual paging to selected zones with or without talkback.
 - Background music can also be incorporated.
- * Maximum of 2 door stations per system.
 - Select a suitable door station to match your entrance decor (IE, IE-D/DL series).
 - DE-UR adaptor provides the relay for the electric door release.
- * Multi-talk path.
 - In a 12-station system, a maximum of 6 simultaneous conversations may take place.
- * Modular design.
 - The front case can be removed from the chassis (terminal block), by disconnecting connectors for easier wiring and maintenance.

EXCLUSIVE TD-SERIES FEATURES

Ceramic type receiver shock-resistant.

PAGE button
(May also be used for activating door release).



Internal wiring by plug-in connectors:

- Wiring after mounting the chassis to single-gang box.
- Major component replacement without taking away the terminal block.



TD-H/Z inside view

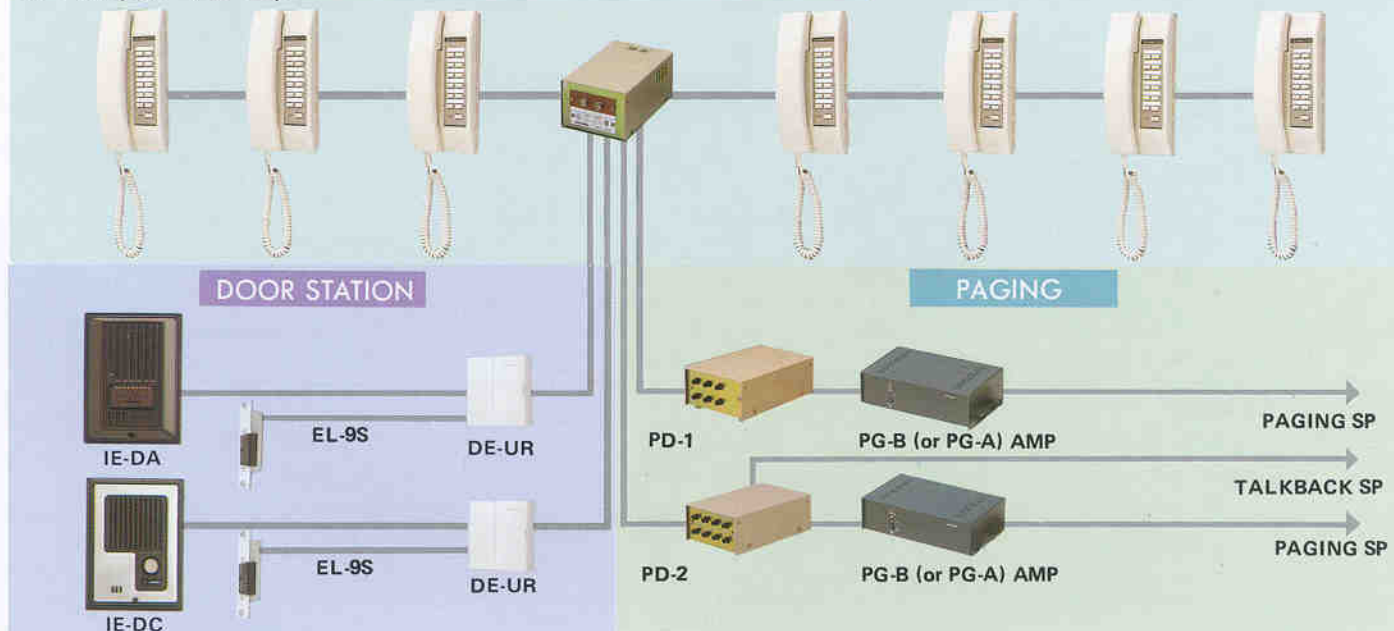
- Terminal block inside chassis.**
- Station selector buttons and directory card.**
- Separate ringer for call tone.**
- CALL button**
(TD-24H/24HW have "CALL A" button for station numbers e.g. A1~A12).

TD-6HW

SYSTEM LAYOUT

- **Communication**
 1. Any station can place and receive calls from any other station.
 2. TD-H; Conference calls can be made up to 6 stations.
TD-Z; Communication privacy. Does not allow break-in from a third party.












TD-H(or TD-Z) STATION TO STATION COMMUNICATION















- **Options** ; Assign a number button for each station, door station and/or paging zone.
- Door Station** ; Max. 2 per system (Each door requires DE-UR adaptor).
Door strike can be connected to each DE-UR (Each requiring a bell transformer).
- Paging** ; Multiple zones with or without talkback. Use PD-1 adaptor for straight paging and the PD-2 adaptor for talkback paging.

NOTES: (1) TD-Z system can be wired either in loop wiring (as TD-H) or in home-run wiring, using CT-Z central terminal board. TD-Z system, when wired with CT-Z, cannot accept door station.
(2) When using IC, IC-D/DL series door station, select a DD-UR adaptor.
For IE, IE-D/DL series, use DE-UR adaptor. The two series door stations and adaptors cannot interchangeably be used.

ACCESSORIES (used commonly for both TD-H and TD-Z systems)

<p>Door station adaptor:</p>  <p>DE-UR; Includes a door release control relay.</p> <p>Door station:</p>  <p>IE-NC</p>  <p>IE-JA</p>  <p>IE-D1, DL1 1-Call</p>  <p>IE-D2, DL2 2-Call</p> <p>Other models: IE-FY, IE-D3, DL3 (3-Call).</p>	<p>Door release:</p>  <p>EL-9S; AC12V, 350mA.</p>	<p>Paging adaptor:</p>  <p>PD-1; One for each zone.</p> <p>Talkback paging adaptor:</p>  <p>PD-2; One for each zone.</p> <p>NOTE: For a talkback paging zone, use one PD-2 only and PD-1 is not required.</p> <p>Paging amplifier:</p>  <p>PG-1OB; 10W</p>  <p>PG-1OA; 10W</p> <p>UL/CSA approved. (Available in N. America only.)</p>  <p>SP-3NA; Ceiling mount 3W</p>
<p>Other Accessories:</p> <p>RY-AC; Relay for external device control. PG-3; 3-watt amplifier for paging thru 8-ohm horn speaker. RY-SP; Relay for local speaker cutout (for TD-H only). NBZ-M; Square frame for SP-3NA N-EA; Round frame for SP-3NA.</p>		

● SYSTEM COMPONENTS

TD-H					TD-Z		
Master stations					Master stations		
							
TD-1H TD-1HW 1-Call	TD-3H TD-3HW 3-Call	TD-6H TD-6HW 6-Call	TD-12H TD-12HW 12-Call	TD-24H TD-24HW 24-Call	TD-6Z TD-6ZW 6-Call	TD-12Z TD-12ZW 12-Call	Terminal box (option) TDW-6 for TD-6Z TDW-12 for TD-12Z
 Terminal box (option) TDW-1 for TD-1H TDW-3 for TD-3H TDW-6 for TD-6H TDW-12 for TD-12H TDW-24 for TD-24H					 Power supply PS-12A (or PS-12C in North America)		
					 Power supply PS-12A (or PS-12C in North America)		
					 Central terminal board CT-63Z for TD-6Z system CT-195Z for TD-12Z system (for communication privacy)		
TD-H/Z can be mounted on single-gang box. TD-HW/ZW is shipped with TDW- terminal box and cord.							

● SPECIFICATIONS

	TD-H	TD-Z
• Power source	DC 12V. Use PS-12A (or PS-12C in North America) power supply.	DC 12V. Use PS-12A (or PS-12C in North America) power supply.
• Current consumption	70mA maximum per station	90mA maximum per channel
• Calling	Push-button station selection and CALL button (and/or CALL A button on TD-24H/24HW)	Push-button station selection and CALL button
• Communication	Multi-channel semi-private	Multi-channel privacy type (When wired to CT-Z in home-run manner)
• Door station	Max. 2 per system (Use DE-UR adaptor for each.)	Max. 2 per system (Use DE-UR for each) (Cannot be connected when CT-Z is used.)
• Paging	Multiple paging zones & operation Use PD-1 or PD-2 adaptor for each zone.	Multiple paging zones & operation Use PD-1 or PD-2 adaptor for each zone.
• Wiring distance	Distance between two farthest stations (loop wiring); Up to 650 m w/0.65 mm dia. (2,000' w/22AWG)	
		Distance between CT-Z and station Up to 300 m w/0.65 mm dia. (1,000 w/22AWG)
• Dimensions	H:210 x W:100 x D:73 (mm) (8-1/4" x 3-15/16" x 2-7/8") TD-24H/24HW: D: 83 mm (3-1/4")	H: 210 x W: 100 x D: 73 (mm) (8-1/4" x 3-15/16" x 2-7/8")
• Weight	TD-1H: Approx. 420g (0.92 lbs.) TD-3H: Approx. 450g (1 lb.) TD-6H: Approx. 460g (1.01 lbs.) TD-12H: Approx. 480g (1.06 lbs.) TD-24H: Approx. 520g (1.14 lbs.)	TD-6Z: Approx. 460g (1.01 lbs.) TD-12Z: Approx. 480g (1.06 lbs.)

● SYSTEM COMPARISON

	TD-H	TD-Z
• Type of communication	Either All-Master, Single-Master or Intermixed System, using TD-1H.	Basically All-Master System, using TD-6Z/12Z to its full capacity.
• Station capacity	Max. 25 stations	Max. 13 stations
• Communication privacy	3rd station can join existing communication.	Privacy type
• Combination with MY-DA-DB & MY-U video system	Can be combined, using DE-UR adaptor.	Cannot be combined.

INTERCOM SYSTEMS

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