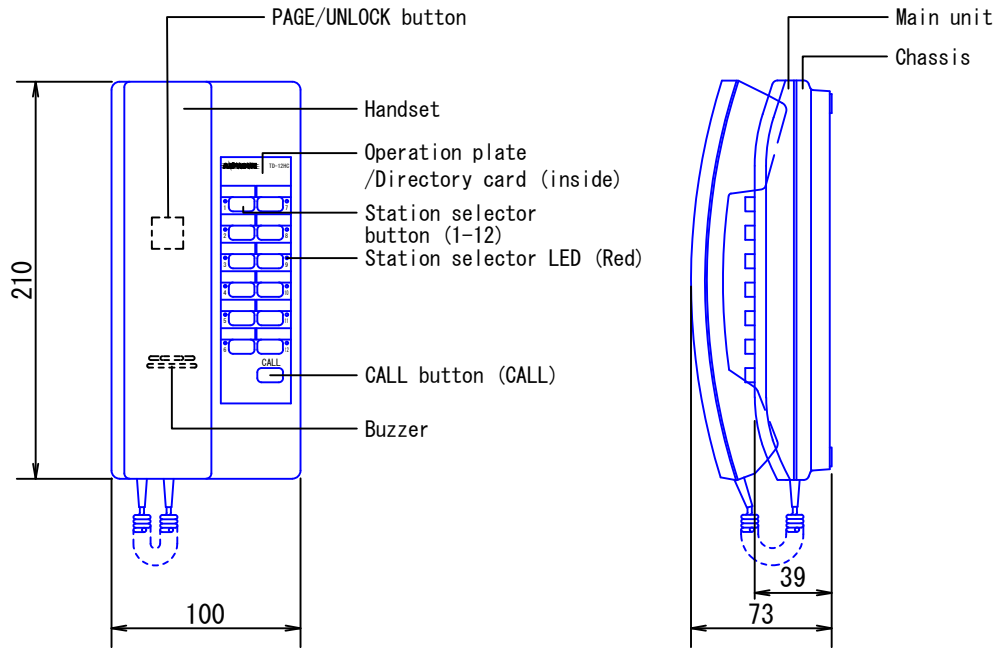
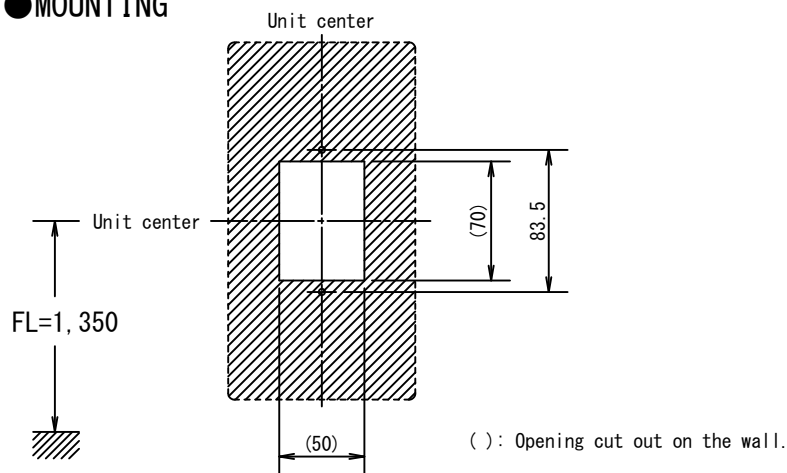


■ PRODUCT DRAWING



● MOUNTING



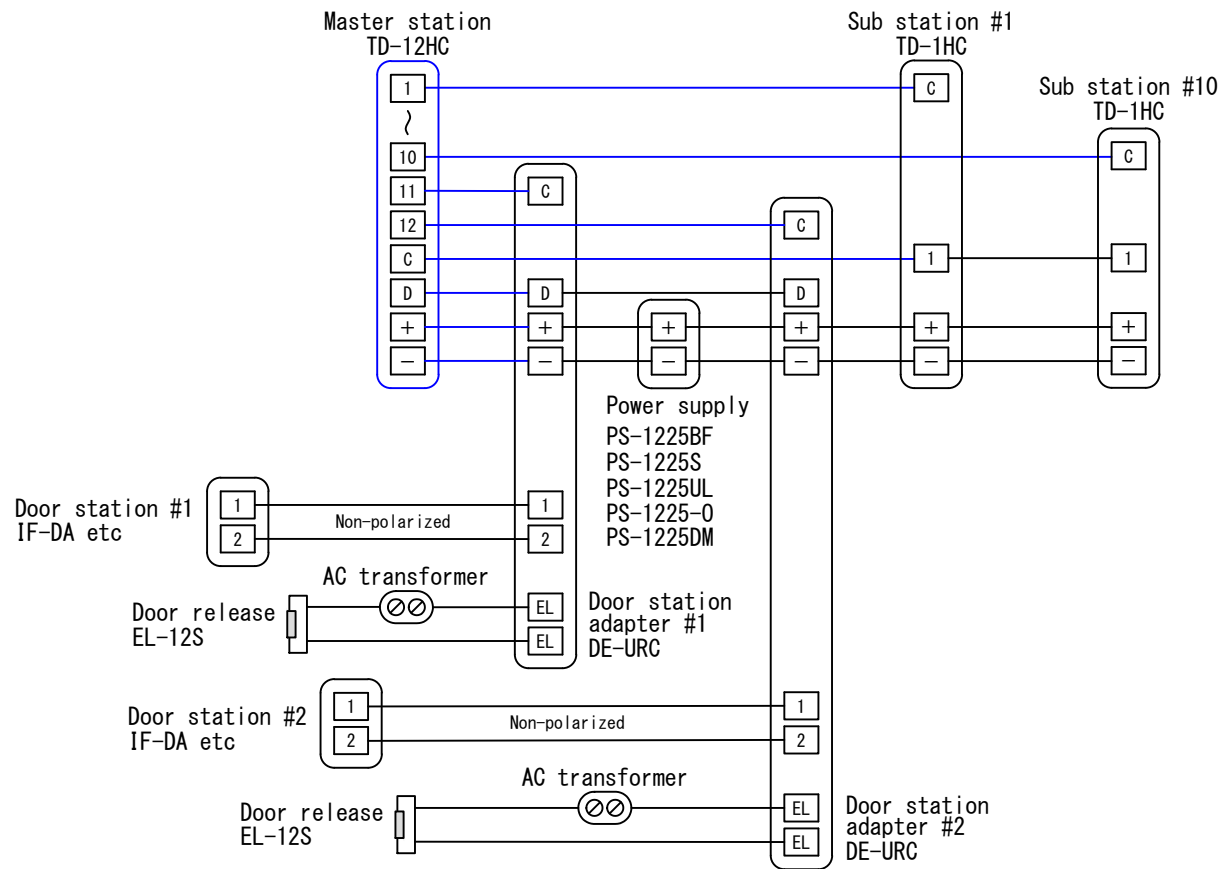
■ SPECIFICATIONS

Power supply	12V DC (Supplied from a power supply.)		
Current consumption	Standby: 0.1mA (per station) MAX: 80mA (per station)		
Type of communication	Handset simultaneous communication / Press-to-talk communication (During talkback paging)		
Station capacity	Up to 12 (Master, sub, and door station)		
Call tone	Master, sub to master station: Electronic beep tone Door to master station: Electronic beep tone(slow/quickly)		
Operation ambient temperature	0 - +40° C (+32 - +104° F)		
Material	Flame retardant ABS resin		
Mounting	Desktop or Wall mount		
Electrical box	Single-gang box		
Color	Snow white (5Y9.3/0.1 Munsell Approximation)		
Weight	Approx. 500g (1.11 lbs.)		
DESCRIPTION MASTER STATION	FIG. NAME PRODUCT DRAWING/SPEC.	UNIT mm	DATE 23 January, 2026
MODEL NO. TD-12HC	FIG. NO. T48459-1-4	PAGE 1/4	REVISION 1

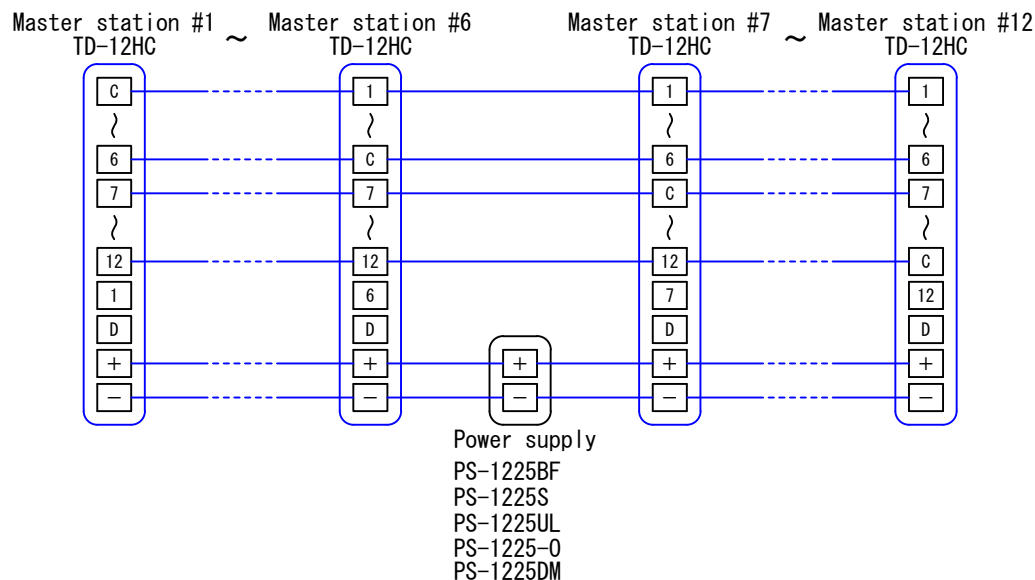
AIPHONE

WIRING DIAGRAM

Example:Single-master system



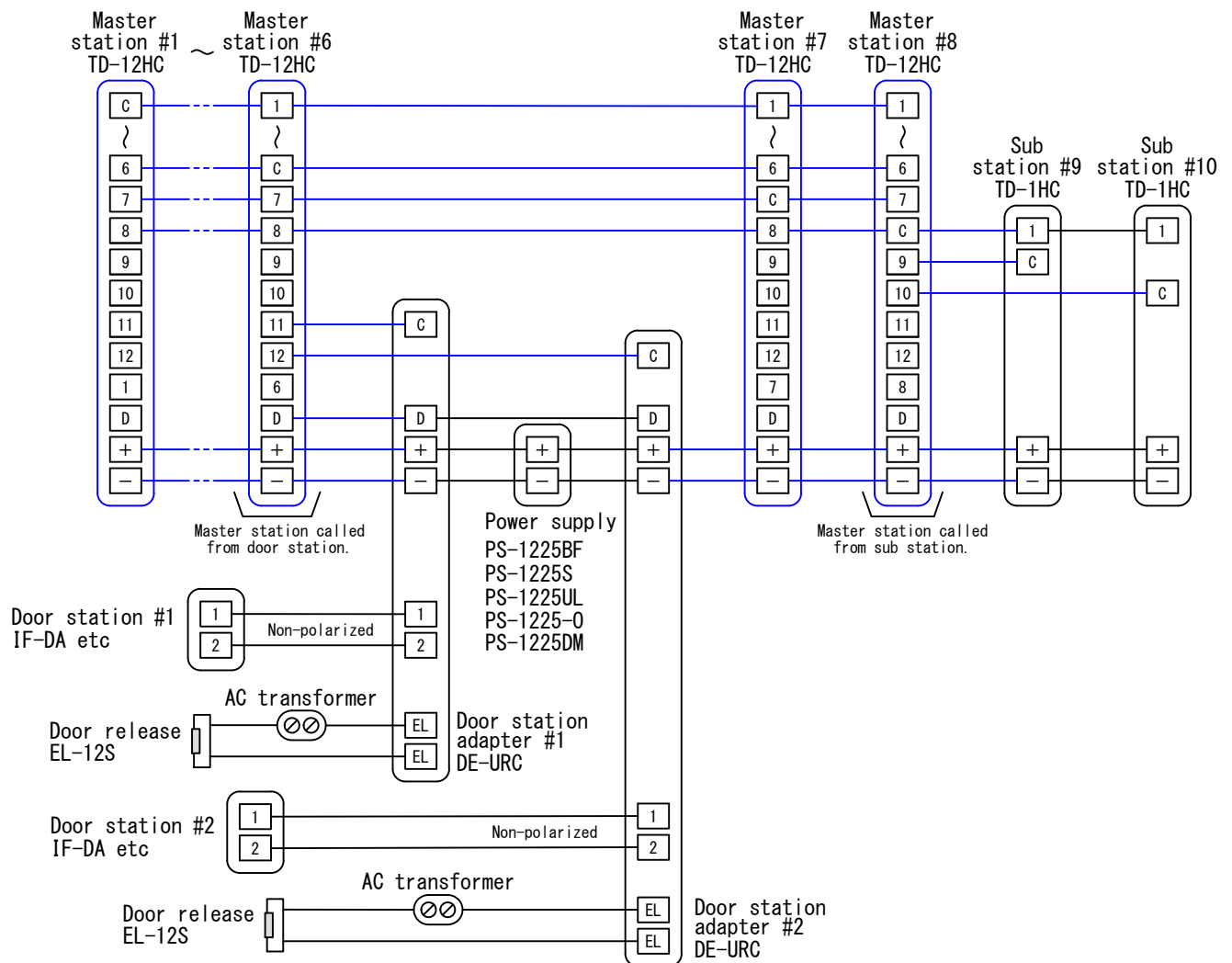
Example:All-master system



DESCRIPTION	FIG. NAME	UNIT	DATE
MASTER STATION	WIRING DIAGRAM	mm	23 January, 2026
MODEL NO.	FIG. NO.	PAGE	REVISION
TD-12HC	T48459-2-4	2/4	1

AIPHONE

Example: Intermixed system



■ WIRING DISTANCE

From the farthest master station to door station adapter

Diameter	0.65mm	0.8mm	0.9mm	1.0mm
Distance	325m	500m	600m	750m

AWG	22AWG	20AWG	18AWG
Distance	1,000'	1,500'	2,450'

From the farthest master station to the farthest station (master and sub)

Diameter	0.65mm	0.8mm	0.9mm	1.0mm
Distance	650m	1,000m	1,200m	1,500m

AWG	22AWG	20AWG	18AWG
Distance	2,000'	3,000'	4,900'

From the farthest master station to power supply

Diameter	0.65mm	0.8mm	0.9mm	1.0mm
Distance	325m	500m	600m	750m

AWG	22AWG	20AWG	18AWG
Distance	1,000'	1,500'	2,450'

DESCRIPTION MASTER STATION	FIG. NAME WIRING DIAGRAM/WIRING DISTANCE	UNIT mm	DATE 23 January, 2026
MODEL NO. TD-12HC	FIG. NO. T48459-3-4	PAGE 3/4	REVISION 1
AIPHONE			

■ RESTRICTIONS

- Compatible with TD series only.
- Position the power supply near the midpoint of the cable run, and install the door station adapter close to the power supply.
- For a door station, install a door station adapter (DE-URC) for each door. (Counts as one station)
- Up to two door station adapters (DE-URC) can be connected.
- Calls and talks between sub stations are not possible.
- Sub station can call only one master station.

■ FUNCTIONS

- Call and communicate with a master, sub, or door station.
- Paging (If a paging adapter (PD-1C or PD-2C) and a paging amplifier are connected to the system.)

DESCRIPTION MASTER STATION	FIG. NAME RESTRICTIONS/FUNCTIONS		UNIT mm	DATE 23 January, 2026
MODEL NO. TD-12HC	FIG. NO. T48459-4-4	PAGE 4/4	REVISION 1	AIPHONE