AIPHONE

DB Series
Single and Multi-Tenant Entry Security System

Residential and Commercial Applications

Components

Superior audio system
Replace existing audio systems with less wires and a larger capacity.

Access control
Provide entry security for up to four tenants sharing a common entrance.

Visitor screening
Safely and conveniently speak with visitors to determine their intent before unlocking the door.

Replaces doorbell, easy to install
Reduce installation costs by using existing doorbell wire. No doorbell? *No problem!* The system only requires two wires, making installation a snap!

Door release powered by system
Have the convenience of door release without needing to purchase additional power.

Simple to use
Answer calls and unlock the entrance with simple, intuitive operation.

Reliable and designed to last
Enjoy trouble-free use for years to come, even after the warranty expires!

Internal communication
Install up to 16 tenant sub stations in one system to speak with hands-free or push-to-talk communication using the All Call feature.

Box Set *(select if DA-1DS is the desired entrance station – for 1x1 applications only)*

DBS-1A
Single Tenant Box Set
(includes one DA-1DS door station, one DB-1MD master station, and one PT-1211CA power supply)

Entrance Stations: select 1
(for a la carte applications)

DA-1DS
1-Call Audio Entrance Station
(included with DA-1AS box set)
• Weather resistant
• Direct select button(s)
• Backlit directory
• Connects to door strike
• Hands-free communication
• Surface mount
  6-7/8" H   3-15/16" W   7/8" D

DA-2DS
2-Call Audio Entrance Station
• Weather resistant
• Direct select button(s)
• Backlit directory
• Connects to door strike
• Hands-free communication
• Surface mount
  6-7/8" H   3-15/16" W   7/8" D

DA-4DS
4-Call Audio Entrance Station
• Weather resistant
• Direct select button(s)
• Backlit directory
• Connects to door strike
• Hands-free communication
• Surface mount
  6-7/8" H   3-15/16" W   7/8" D

Master Station: select up to 4

DB-1MD
Audio Hands-Free Tenant Master Station
(included with DBS-1A box set)
7-5/16" H
3-1/8" W
1-1/16" D

Tenant Sub Station: select up to 4 per tenant master station *(optional)*

DB-1SD
Audio Hands-Free Tenant Master Station
7-5/16" H
3-1/8" W
1-1/16" D

Components

Power Supply

PT-1211CA
15V AC Transformer
(included with DA-1AS box set–one required per two DB-1SDs)
3-1/16" H
2-3/8" W
1-7/8" D

Accessories

EL-12S
Electric Door Strike
4-1/8" H
1" W
1-1/4" D

RY-ES
External Signaling Relay
4-1/8" H
2-7/16" W
1-5/8" D

IER-2
Call Extension Speaker
4-3/4" H
3-7/16" W
1-1/8" D

MCW-S/B
Desk Stand for DB-1MD or DB-1SD *(mounting hardware included)*
6-1/2" H
6-1/2" W
8" D

Specifications

Power Source	15V AC — use PT-1211CA (requires one per tenant master station and one per two tenant sub stations)
Communication	Hands-free (VOX) or push-to-talk (simplex)
Door Release	9.5 – 20V AC, 70Ω or higher resistance — use EL-12S
Wire Type	Entrance Station to Tenant Master Station: 2-cond., low cap, PE insulation, solid, non-shielded — use Aiphone #871802 Tenant Master Station to Tenant Sub Station: 4-cond., low cap, PE insulation, solid, non-shielded — use Aiphone #871804 Between Tenant Sub Stations: 4-cond. + 2-cond. when sharing power — use Aiphone #822206 or #871804 Power Supply to Tenant Station: 2-cond., low cap, PE insulation, solid, non-shielded — use Aiphone #871802
Distance	Power Supply to Entrance Station or Door Strike (cumulative): 360' (22 AWG) 1,020' (18 AWG) Power Supply to Tenant Station: 180' (22 AWG) 510' (18 AWG) Tenant Master Station to farthest Tenant Sub Station: 330'

AIPHONE

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