



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 four tenant sub stations per tenant master station 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

**Tenant Master Station:**  
select up to 4



### DB-1MD

Audio 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 Tenant Sub 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  
for Wood Frames  
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

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



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