



The practical solution for access control and internal communication

The DB Series is a superior and modern audio only entry system designed for new constructions or to replace existing audio systems.

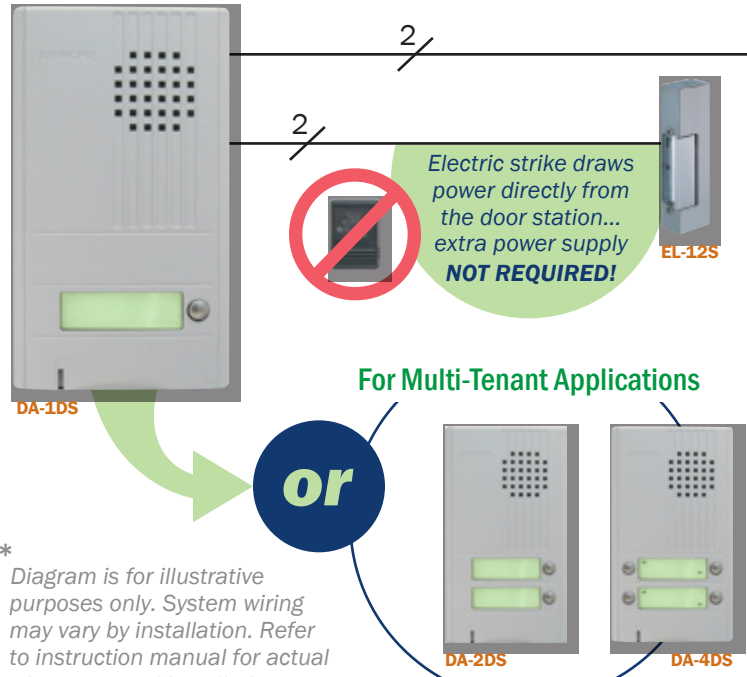
Providing both door entry and internal communication, the DB Series is the practical solution for access control in the home or office.

- **Access Control** will keep people and assets safe inside a home or building
- **Superior System** replaces existing audio systems with less wires and a larger capacity
- **Door Strike** draws power directly from door station so separate power supply and wire are not required
- **Easy to Install** using only 2 wires from the entrance station to the master station
- **All Call** provides internal communication between stations
- **Hands-Free** communication is great for home or office.

Why the DB Series?



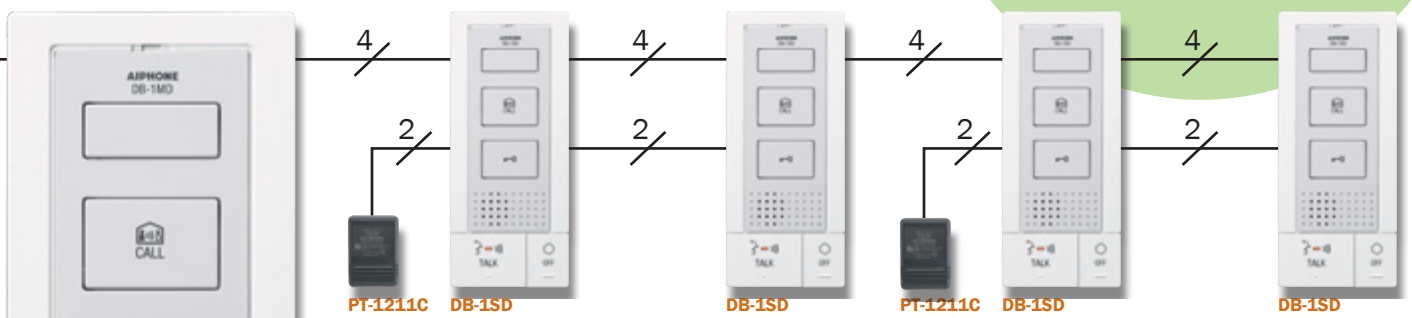
WIRING EXAMPLE*



* Diagram is for illustrative purposes only. System wiring may vary by installation. Refer to instruction manual for actual wire count and installation directions.

CAPACITY is 1 entrance station, 1 master station, and up to 4 sub stations.

INTERNAL COMMUNICATION
1 master station and up to 4 sub stations



Specifications	
Capacity	1 entrance station x 1 master station x 4 sub stations
Power Source	15V AC - use PT-1211C (requires 1 per master station and 1 per 2 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 Master Station: 2-cond., low cap, PE insulation, solid, non-shielded - use Aiphone #871802 Master Station to Sub Station: 4-cond., low cap, PE insulation, solid, non-shielded - use Aiphone #871804 Between Sub Stations: 4-cond. + 2-cond. when sharing power - use Aiphone #822206 or #871804
Distance	Entrance Station or Door Strike to Power Supply (cumulative): 360'(22AWG) 1,020'(18AWG) Power Supply to Master Station: 180'(22AWG) 510'(18AWG) Master Station to farthest Sub Station: 330'

DB-1MD

PT-1211C

PT-1211C

DB-1SD

DB-1SD

PT-1211C

DB-1SD

DB-1SD

DB Series Features & Functions



DA-1DS



DA-2DS



DA-4DS

ENTRANCE STATIONS (DA-1DS/2DS/4DS)

- 1, 2, and 4-call stations available
- Surface mount and weather resistant
- Customizable back-lit directory
6-7/8"H 4"W 7/8"D



SUB STATION (DB-1SD)

- Up to 4 additional sub stations
- 4 wires between sub stations
- Hands-free communication
- Option button for external device
- All Call to master and sub stations
- Electric door release
- Surface mount to wall or desk mount using MCW-S/A
7-1/4"H 3-1/8"W 1-1/16"D

2 WIRE INSTALLATION

- Easy installation using only 2 wires from door to master
- Utilizes existing doorbell wires



DOOR STRIKE (EL-12S)

- Wired directly to door station using only 2 wires
- Separate power supply not needed for strike
- 12V AC/DC, 200mA



BOX SET (DBS-1A)

- Added convenience in this all-in-one kit
- Set includes 1 single-call door station, 1 master station, & 1 power supply

POWER & ACCESSORIES

- PT-1211C: AC transformer, 15V AC
- IER-2: Call extension speaker
- RY-ES: External signaling relay



PT-1211C



IER-2



RY-ES



MASTER STATION (DB-1MD - shown with optional MCW-S/A)

- Hands-free communication
- Option button for external device
- All Call to sub stations
- Electric door release
- Surface mount to wall or desk mount using MCW-S/A
7-1/4"H 3-1/8"W 1-1/16"D

DESK STAND (MCW-S/A)

- Alternative to wall mounting
- Pre-drilled mounting holes
- Adjustable to 45° & 60° angles for better viewing
6"H 4-6/16"W 6-1/2"D



45°



60°