AIPHONE®

DB Series

Hands-free Entry Security





The practical solution for
ACCESS CONTROL and internal communication

Why the DB Series?





The **DB Series** is a superior and modern audio only entry system designed for new construction or to **replace existing audio systems**. Providing both door entry security and internal communication, the DB Series is the practical solution for access control in the **home or office!**

WIRING EXAMPLE*

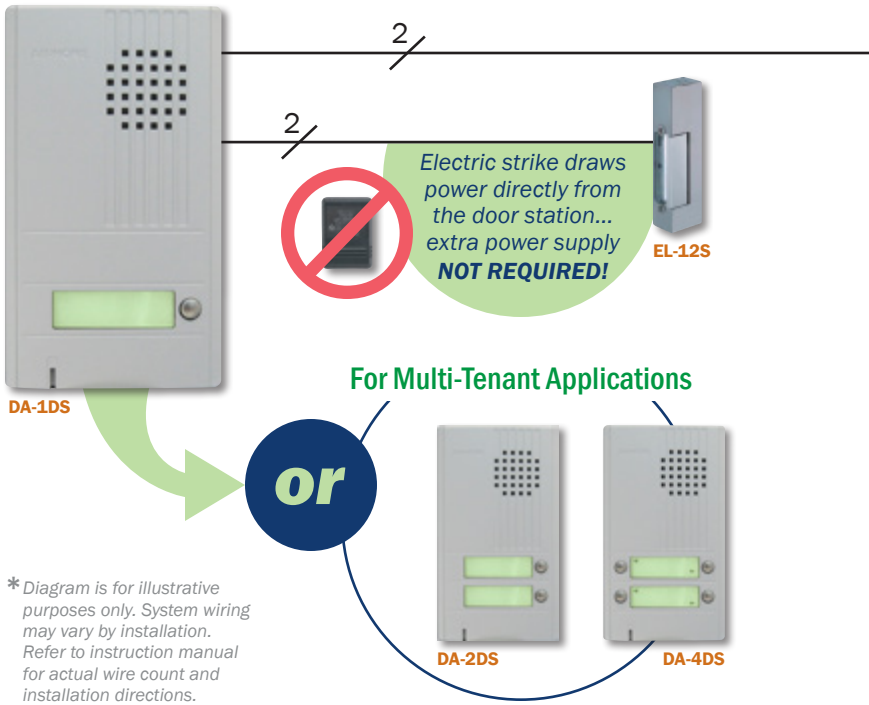


*Diagram is for illustrative purposes only. System wiring may vary by installation. Refer to instruction manual for actual wire count and installation directions.

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.

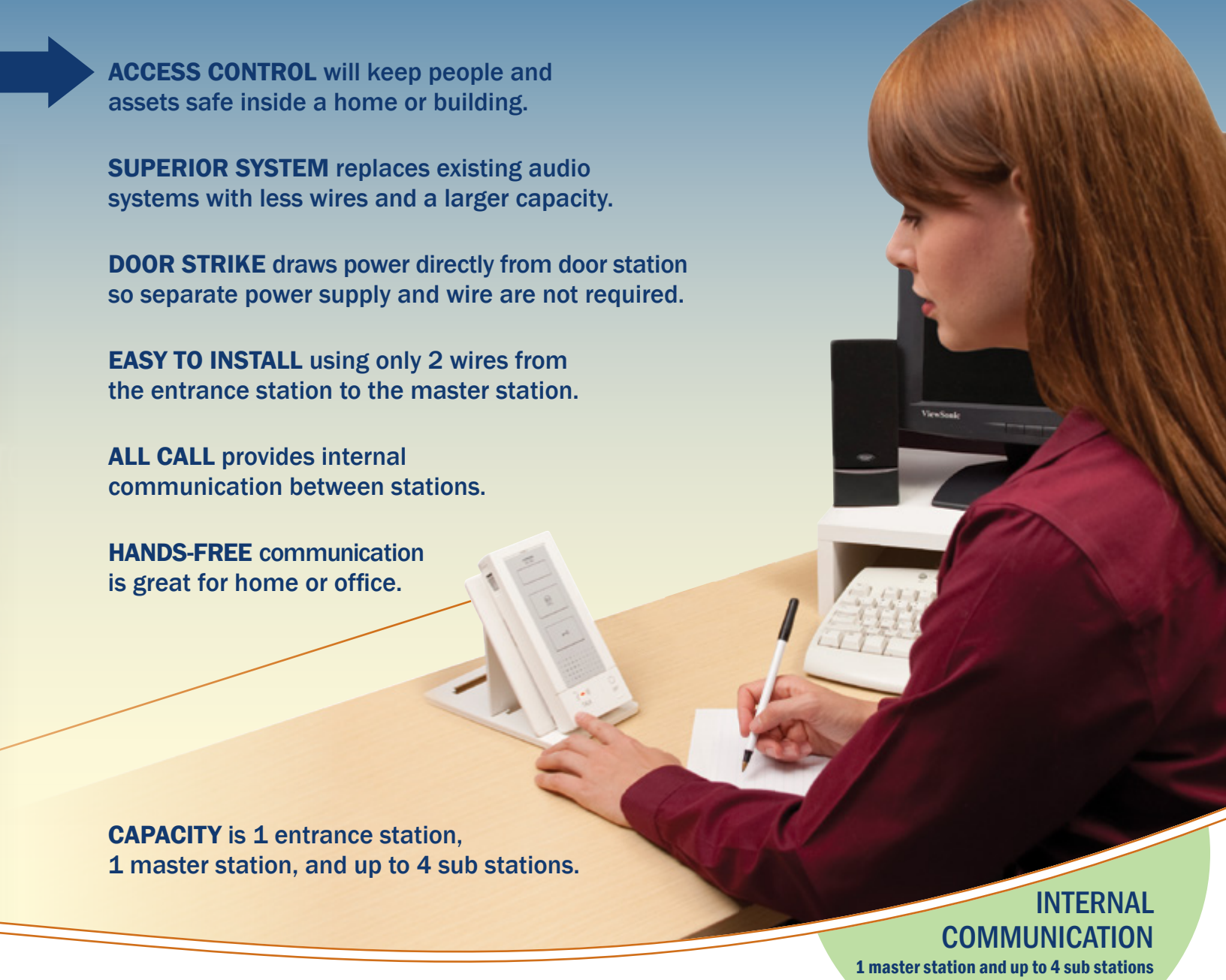
DOOR STRIKE draws power directly from door station so separate power supply and wire are not required.

EASY TO INSTALL using only 2 wires from the entrance station to the master station.

ALL CALL provides internal communication between stations.

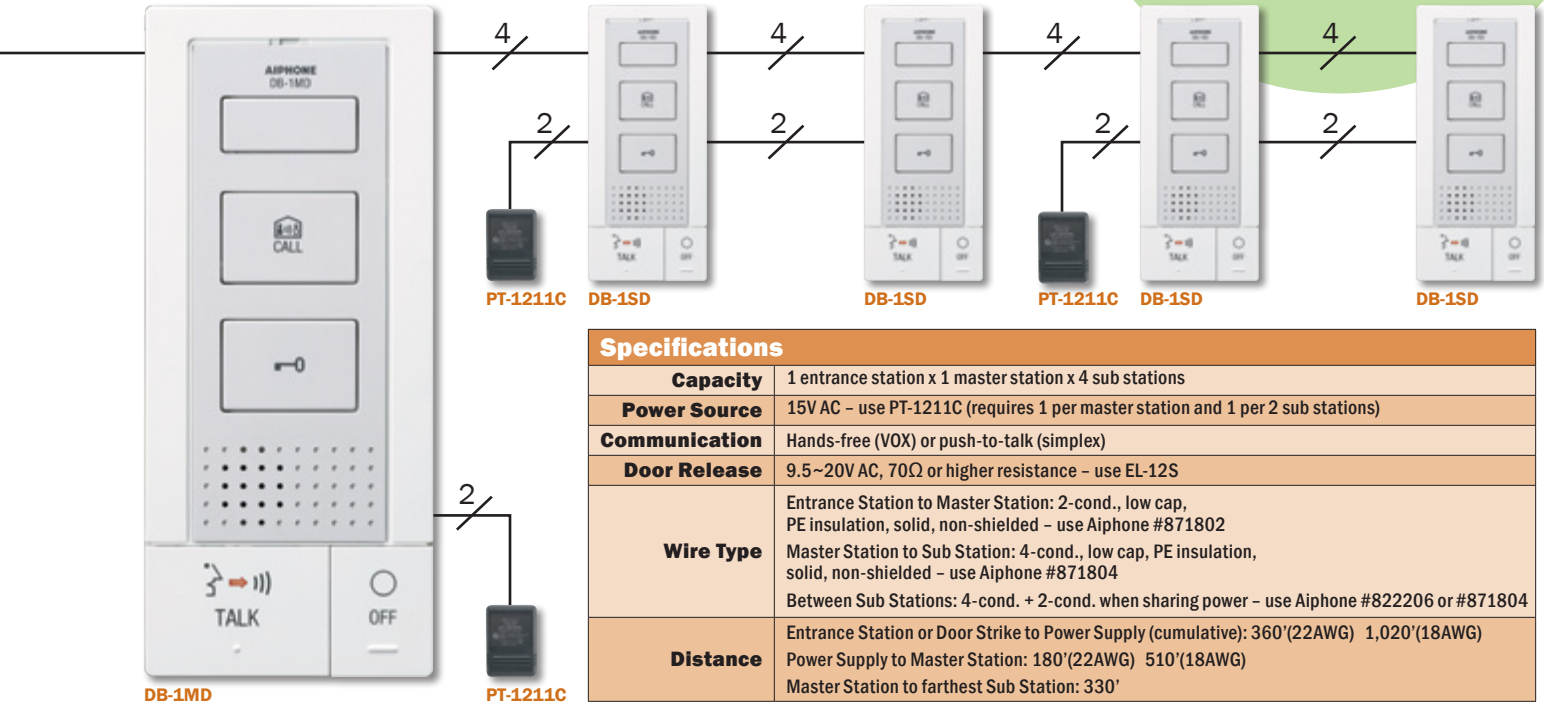
HANDS-FREE communication is great for home or office.

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 Series Features & Functions

DOOR 1 ▶ INSIDE 5







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



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

POWER & ACCESSORIES

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


PT-1211C


IER-2


RY-ES

45° 60°

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

DB Series Brochure
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The information in this brochure is subject to change without notice.

GSA Schedule
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