

DOOR

ROOM

3 → 5

KB-3MRD



- 3 doors & 5 monitors w/TILT camera control
- INSTANT ON audio & video from door
- Selective calling or All Call
- Audio sub station in lieu of monitor
- Optional audio door at 3rd entry
- Chime and audio receive volume controls

VIDEO SENTRY TILT



KB-DAR
Video door station



2

2

2



or
IF-DA
Audio door station

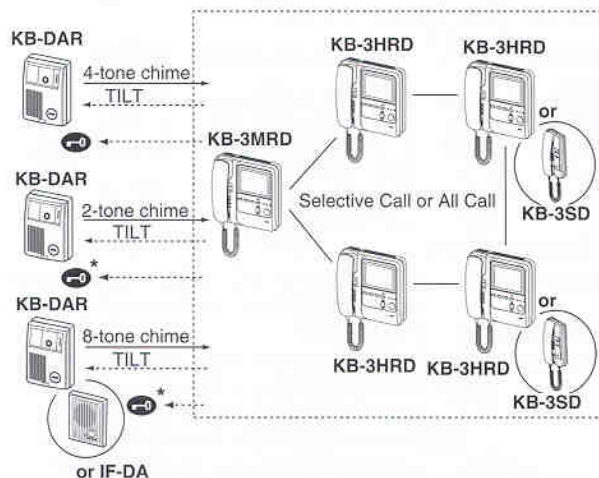


KB-3MRD
Master station

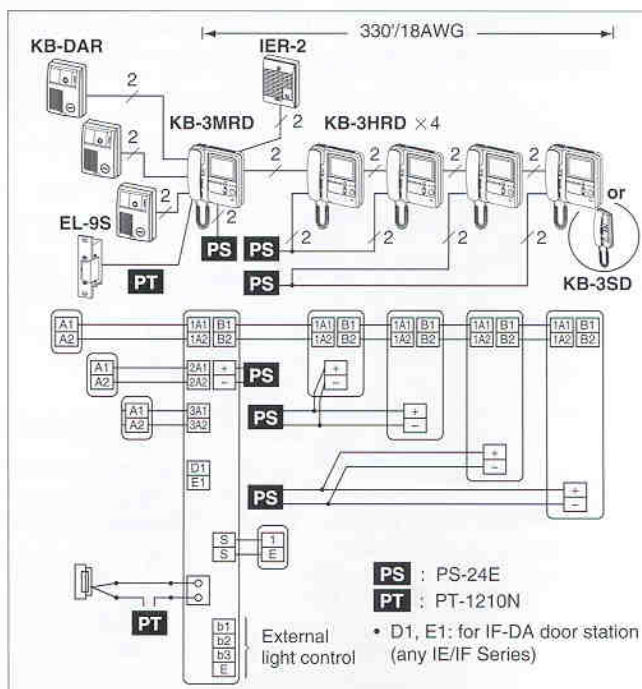


KB-3HRD
Sub master station

Expanded system with 3 doors and 5 monitors. All Call. Added Selective Calling with handsfree reply.



* 3 door releases available with RY-3DL.



System components

KB-DAR: Video door station
KB-3MRD: Master station
KB-3HRD: Sub master station (Max. 4 pcs)
KB-3SD: Audio sub station (Max. 2 pcs)
24V DC power supply: PS-24E

Note: Wire on KB-3SD in the same manner as on KB-3HRD, and extend +, - wires from a monitor station.



Options



KC-32EU
Picture memory unit
→ P.14



RY-3DL
3 Door release
selector relay



KA-DGR PANEL
Stainless steel housing
for KB-DAR



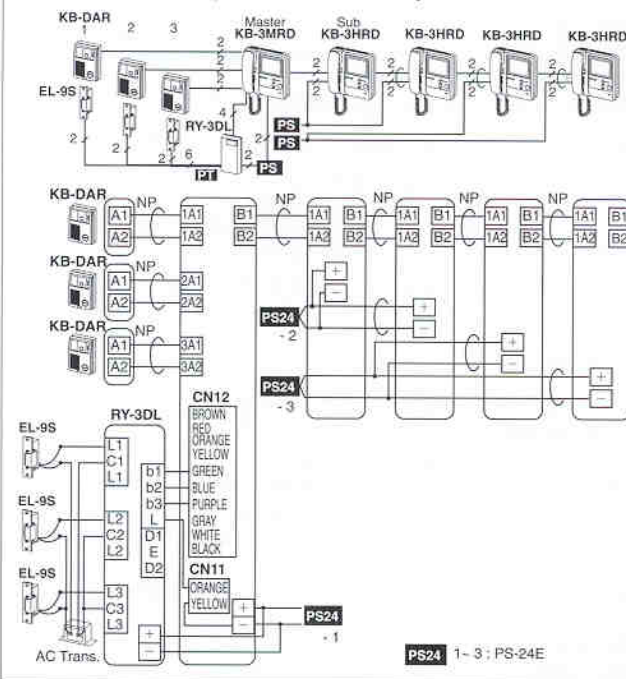
IER-2
Call extension



EL-9S
Door release

MAW-B Relay for auxiliary light control
KAW-D 30° Angle Box

KB-3MRD system (with 3 door releases)



Specifications (KB-3MRD)

Power source: 24V DC

Consumption: KB-3MRD: max. 710mA, 230mA standby.
KB-3HRD: max. 260mA, 80mA standby.
KB-3SD: max. 85mA, 50mA standby.

Power supply: PS-24E

Video monitor: TFT color LCD

Communication: Door calls in w/4-tone chime, 30 sec. Hear and see door instantly. Pick up at any station to reply, 2-1/2 min. timed. Recycle with MONITOR. Monitor handsfree audio & video from door w/MONITOR. Press a station selector and call by voice. The called station replies handsfree. Lifting handset, press ALL CALL button to call all other inside stations w/pretone and voice.

Image view area: Approx. 2' horiz., 3' 8"-7' 9" vert.
(at 4' 3" high and 20" from camera)

Night viewing: Up to 1' from camera, with white LED projected. Background scene beyond 1' cannot be seen.

Door release: Contact: 12V AC, 400mA.

Wiring: 2 parallel wires to each door, non-polarized.
2 wires in loop, between monitors, plus
2 wires run separately from power supply.

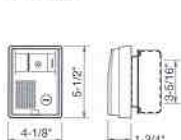
| Distance: | 22AWG | 18AWG |
|-------------------|-------|-------|
| • KB-3MRD to door | 330' | 650' |
| • KB-3MRD to subs | 165' | 330' |
| • KB-3MRD~IER-2 | 165' | 330' |

Cable specified (for both door & inside stations)

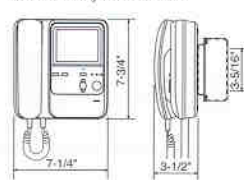
- 22AWG to 16AWG.
- PE (polyethylene) insulation & Vinyl-sheathed cable. Attenuation of less than -6.5dB at 10MHz./330' length.
- Solid copper conductor.
- Line impedance: $\pm 75\Omega$ (highest: less than 100 Ω)

Use either Aiphone wire #871802, or West Penn 0990.

KB-DAR



KB-3MRD, KB-3HRD



KB-3SD

