

AX vs KB, LEF, & NDR



System Features	AX	KB	LEF/MY	NDR
Number of Masters	Max. 8	Max. 5	Max. 11 ²	Max. 2
Number of Doors	Max. 120	Max. 3	Max. 10 ²	Max. 100 (audio only)
Communication Style	PTT or VOX	Handset	PTT	PTT or VOX Handset
Master to Master Communication	Yes	Yes	Yes	No
Mullion Mount Audio Only Door Station	Yes	Yes	No	No
Access Control Connection	Programmable relay output	Relay output (multiple doors require adaptor)	Relays required	Relays required
CCTV Control Integration	RS-232 ¹	None	Relays required	Relays required
CO Line Transfer	Yes (with adaptor)	No	No	No
Video Doors w/Embedded HID Readers	Yes	No	No	No
Video Output Connection	BNC connector	Bare wires	Requires Adaptor	N/A
Video Type	Color	Color	B&W	N/A
Monitor Type	TFT	TFT	CRT	N/A
Number of Call Levels	2	1	1	1
Number of Talk Channels	2	1	1	1 per master
Event Logging	Yes	No	No	No
Scan Monitoring	Yes	No	No	No
Foot Switch Connection	Yes	No	No	No
Headset Connection	Yes	No	No	No
Call-in Time-out	10-600 seconds, or infinite	45 Sec.	Tone while call button is pressed, 20 sec. LED after released	Tone and LED until answered

Installation Comparison	AX	KB	LEF	NDR
Wire Type	CAT-5e	18AWG Solid, PE insulation	Multi-conductor shielded	Multi-conductor shielded
Conductor Quantity	2 ~ 8	2 ~ 4	2 ~ 30	2 ~ 9
Wire Method	Homerun	Homerun to doors, looped between monitors	Homerun or looped	Homerun
Connection Method	RJ-45	Screwless terminals	Screw terminals	Screw terminals
Max. Distance	980'	650' from Door, 330' to farthest monitors	330' (video), 1,600' (audio)	1,000' (audio only)
Programmable Features	Yes	No	No	No

Notes:

1. Requires custom programming not supplied by Alphone
2. LEF System max. 11 doors and masters combined