

Intercom Slave Stations

Slave Stations



The following features are common to all Slave units:

- Hands free speech on all slave stations (once call is established)
- All front panels manufactured in 2mm thick stainless steel
- Double baffled (vandal resistant) loudspeakers
- Vandal resistant switches
- Vandal resistant, stainless steel front panel securing screws
- Environmental rating of IP65
- Black silk screened characters on stainless front panels
- Black silk screened characters on painted panels

Finish:

Stainless steel (panels)	2.0mm thick 240 grit, vertical grain, natural finish
Stainless steel (hoods)	1.6mm thick 240 grit, vertical grain, natural finish
Painted (panels)	2.0mm thick Zinctec, painted smooth semi-gloss
Painted (hoods)	1.6mm thick stainless, painted smooth semi-gloss
Conduit boxes	1.2mm thick Zinctec, natural finish

Environmental Rating:

All finishes IP65



SS104C

Size 'A' Housing Dimensions

Surface mount	215H x 135W x 88D (at top) to 75D (mm)
Flush mount (panel)	215H x 135W x 2D (mm)
Flush mount (conduit box)	190H x 105W x 65D (mm)

Fixing Centres:

Surface mount	2 x 5.5mm holes in back of housing, 150mm centres (aligned vertically)
Flush mount (panel - conduit box)	4 x 5.5mm holes on 176H x 86W (mm) centres
Flush mount (panel + conduit box)	2 x 5.5mm holes in back of box, 130 mm centres (aligned vertically)

Cable Entry:

Surface	1 x 20mm plastic compression gland in bottom of housing
Flush	1 x 20mm knockout on each face of conduit box



SS201H



SF101

Size 'B' Housing Dimensions

Surface mount	258H x 168W x 98D (at top) to 72D (mm)
Flush mount (panel)	253H x 163W x 2D (mm)
Flush mount (conduit box)	226H x 135W x 63D (mm)

Fixing Centres:

Surface mount	2 x 5.5mm holes in back of housing, 150mm centres (aligned vertically)
Flush mount (panel - conduit box)	4 x 5.5mm holes on 176H x 86W (mm) centres
Flush mount (panel + conduit box)	2 x 5.5mm holes in back of box, 130 mm centres (aligned vertically)

Cable Entry:

Surface	2 x 20mm plastic compression gland in bottom of housing
Flush	1 x 20mm knockout on each side of conduit box



SF199



SS101F



SS103

Note: Size 'A' housing is for most amplified or un-amplified audio only units, with up to three buttons. Size 'B' is for all other units including all fibre slaves, except a 12 button keypad that requires a larger 'special' housing. Separate .pdf files showing dimensional drawings are available on request. Please check housing requirements when ordering.

Technical Specifications

Slave Stations

Cable Distance, Power Requirement and Sound Output Level

Product Description	0.5mm Dia Cable		0.6mm Dia Cable		0.9mm Dia Cable		Required Power Watts*
	SPL dB	Distance Meters	SPL dB	Distance Meters	SPL dB	Distance Meters	
Audio only Stations							
External non amplified slave station	88	500	89	1000	92	1000	0
External amplified slave station	93	400	93	1000	94	1800	7
External amplified slave station, LOCAL PSU	98	1000	98	1200	98	2000	7
Audio & Video Stations							
External non amplified slave station with Mono Camera	89	400	89	1000	90	2000	4
External non amplified slave station with Mono Camera & IR Lighting	90	300	90	800	90	2000	6
External amplified slave station with Mono Camera	94	250	94	700	94	1600	9
External amplified slave station with Mono Camera & IR Lighting	95	175	95	500	95	1200	12
External non amplified slave station with Colour Camera	91	200	91	600	91	1400	10
External amplified slave station with Colour Camera	95	175	95	500	95	1200	12
Audio only Stations with Industry Standard Interface							
External amplified Fibre Optic slave station	96	150	95	500	96	1000	9
External amplified Fibre Optic slave station, LOCAL PSU	98	1000	98	1400	98	2000	9
Audio & Video Stations with Industry Standard Interface							
External amplified Fibre Optic slave station with Mono Camera	96	100	96	400	96	800	12
External amplified Fibre Optic slave station with Mono Camera & IR Lighting	96	100	96	300	96	700	14
External amplified Fibre Optic slave station with Colour Camera	96	100	96	300	96	700	14

All cable distances refer to the CW1308, the maximum distance will be limited by the video Coax type and or use of separate video amplifiers.
Cable distances based on CW1308 or CAT5 type for conductor diameter listed. * All power assumed line fed except where stated.

Additional Component Specifications

Mono Video Camera

Sensor	1/3" CCD
Lens	3.6mm auto iris
Viewing Angle	60deg.
Viewing Area	(at 1M) 800mm vert. x 1100mm horiz.
Resolution	Horizontal 380 TV lines
Output	75 Ohms 1.0v pk-pk composite CCIR standard, internal sync. only
Illumination	Minimum 1 lux scene
Video Connection	75 Ohms BNC
Power Supply	24V DC 4W max

Colour Video Camera

Sensor	1/3" CCD
Lens	3.7mm auto iris
Viewing Angle	60deg.
Viewing Area	(at 1M) 800mm vert. x 1100mm horiz.
Resolution	Horizontal 330 TV lines
Output	75 Ohms 1.0v pk-pk PAL
Illumination	Minimum 1 lux scene
Video Connection	75 Ohms BNC
Power Supply	24V DC 6W max

Infra Red Lighting

For use with monochrome cameras only	
6 infra red LED's in a circular pattern 20mm dia.	
Automatic Dawn/Dusk switch	
Power Supply	12V DC 2W

Slave Station Fibre Optic Board

Presentation	4 wire balanced audio
Transit Level (TX)	0dB @ 600 Ohms
Receive Level (RX)	0dB @ 600 Ohms
Signalling	DTMF
Call Buttons	1 as standard (optional 4 maximum)
Loudspeaker Output	3W (maximum with local power supply)
Microphone	Electret, 45dB compression
Clear Down Timer	Selectable (DIP Switch) between 10 & 70 seconds in 10 second increments (default setting, 10 seconds)
Relay Output	User selectable function, (DIP Switch) Contact single pole NO or NC (link selectable) Rated 200mA/50V max.
Relay Functions	O/P while call waiting (any button) O/P while call waiting (# & 0 buttons only) O/P while call waiting & call connected O/P while call connected only
Power Supply	24V DC 4W max

Note: at the central unit an INT004 4 way interface is required.
At each Fibre Optic Slave an EX4019 PSU is required.

Non Amplified Slave Stations

Loudspeaker	4" dia. 25 Ohm Max Drive 400mW
Microphone	10mm Electret
Cabling	2 pair CW1308 (audio only) 4 pair CW1308 & 75R Coax (audio & video)

Amplified Slave Stations

Loudspeaker	4" dia. 25 Ohm Max Drive 3W
Microphone	10mm Electret
Cabling	3 pair CW1308 (audio only) 3 pair CW1308 & 75R Coax (audio & video)
Power Supply	24V DC 7W max