1008195005

ECP-C1

Single Button Emergency Call Point with Built in AFIL Hearing Loop

- Zenitel's advanced IP audio processing technology
- Built-in Audio Frequency hearing Loop (AFIL)
- Rugged construction
- Brushed stainless steel front plate and a painted stainless steel back box
- Either surface or flush mounting

IK10 HD Voice Active Noise Cancelling Open Duplex

Description

The ECP-C1 Help point is an Emergency Call Point Intercom incorporating Zenitel's advanced audio processing technology, and which is designed for use in applications such as for public transport infrastructure. The help point is operated to make a call to a configured Emergency Response Centre.by means of a single red coloured call button, labelled "Alarm", and which is also identified by means of an alarm bell icon and Braille text which spells the text "ALARM".

The ECP-C1 includes a built-in Audio Frequency hearing Loop (AFIL), and is an Internet Protocol (IP) help point which can be managed through the Zenitel ICX and Connect range of intercom management products. Use of standard Telephony audio Codecs plus the Session Initiation Protocol (SIP) also enables the ECP-C1 to be compatible with a wide range of commercial telephony systems and telephone Private Branch Exchange (PBX) products. The ECP-C1 only requires a single external connection due to the inclusion of a Power over Ethernet (PoE) power supply.

The ECP-C1's rugged construction comprises of a self-coloured brushed stainless steel front plate and a painted stainless steel back box. The front panel is secured to the back box by means of six tamper resistant screws, with each order being supplied with a set of a standard format hex screwdriver bit which fits the front panel screws.

Technical Dimensions

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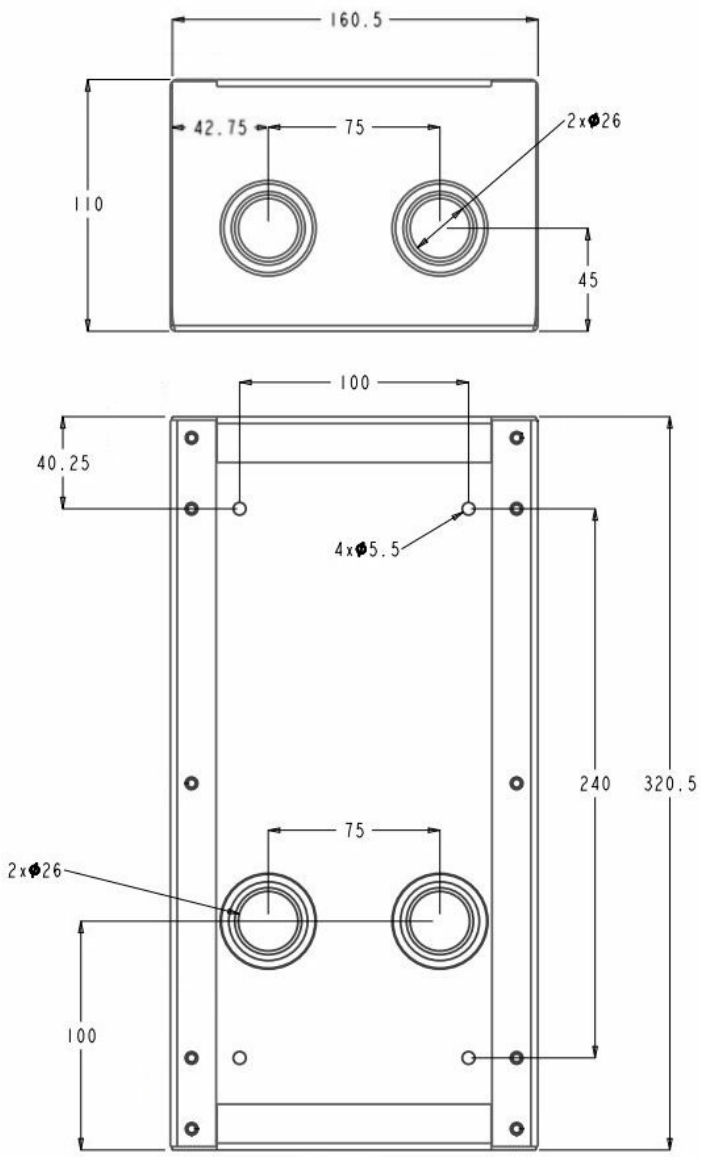

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Specifications

ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
1008195005	ECP-C1, Single Button Emergency Call Point with Built in AFIL Hearing Loop	6.0 kg

HARDWARE	
Ethernet connector	1x RJ45
Call Progress Indicator - Calling	Green LED
Call Progress Indicator - In call	Green LED
Call Progress Indicator - hearing Loop Active	Green LED
Call Button	Red with braille text

MECHANICAL	
Dimensions (Assembled for Surface Mounting)	320.5mm (h) x 160.5mm (w) x 115mm (d)
Weight	5.5 kg
Material (Front Plate)	Brushed Stainless Steel, 316
Material (Flush Mounting Adaptor Plate)	Brushed Stainless Steel, 316
Material (Rear Enclosure)	Painted Stainless Steel, 316
Gasket material	Neoprene
Mounting Options	Flush and Surface

POWER SUPPLY	
Power over Ethernet	POE+ (IEEE 802.3at standard)

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AUDIO

Audio Quality (STI) 70dB	> 0.8
Codecs	G.711, G.722, G.729
Frequency Range (G.722)	200 Hz – 7000 Hz
Audio technology	Modes: Full open duplex, switched open duplex
	Adaptive jitter filter
	Local tone generator
	Sound Level Detection
	Automatic gain control (microphone)
Speaker Amplifier	Built in 10W Class D

NETWORKING AND PROTOCOLS

Protocols	IPv4 (with DiffServ), SIP, TCP, UDP, HTTPS, TFTP,
	RTP, DHCP, SNMP, NTP
LAN protocols	Network Access Control (IEEE 802.1x)
	HTTP/HTTPS (Web configuration)
	E.g. network test, tone test, status reports
Advanced supervision functions	Network test, tone test, status reports
	RFC 3261 (SIP base standard)
	RFC 3515 (SIP refer)
	RFC 2833 2976 (SIP info)

ENVIRONMENT AND COMPLIANCES

IP rating	IP-65
IK rating	IK-10. Limited to front plate when flush mounted. Based on the requirements from EN 62262.
Operating temperature range	-25° to 65° C
Storage temperature range	-25° to 70° C
Realative humidity	< 90% not condensing
Compliances	CE and UKCA
EMC	CE and FCC Part 15
Country of Origin	Denmark

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AFIL HEARING LOOP

Amplifier	Built In
Loop	Built In
Loop Max Output Current (sine)	3.1A RMS
Loop Impedance	0.3Ω to 1Ω, 1.3Ω reactive at 1.6kHz
Freq. Response	100Hz to 5kHz ±1.5dB
Metal Loss Correction	0dB to 3dB / octave boost

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