

Desktop Call Stations PACE-CS20 and PACE-CS20R, EN54-16

The PACE-CS20 and PACE-CS20R are desktop call stations with 20 buttons for operation and announcements with the PACE system in standard and redundant operation. The desktop call stations support high-quality live announcements via WeNet system interface.

Front side:



Side view:



Desktop Call Station, 20 buttons
PACE-CS20 und CS20R
 Art.-No. 1 355 4 und 1 356 5

Equipment features

- System call station in desktop housing
- 20 destination buttons
- Gooseneck microphone

Facilities

- EN 54-16 licence
- PoE power supply
- Headset and handset connection optional
- Auxiliary In-/Output optional

Art.-No.	1 355 4	1 356 5
Operation	standard	redundant
Physical data		
Dimensions (H x W x D)	40mm x 140mm x 260mm	
Weight	approx. 0.6kg	
Technical data		
Power supply	DC24V +/-DC4V	
Peak input current	600mA at DC20V	
Round jack	Diameter (outside/inside) 5.5mm / 2.0mm	
Power consumption	4W (typ), 10W (max.)	
Output power built in monitor speaker	1W	
Signal noise ratio SNR of the gooseneck microphone with length of 300mm	>90dB (A-rated)	
Frequency response gooseneck microphone	20Hz ... 20kHz	
Operation and interfaces		
Number of buttons	20	
Talk button	1 with LED (rd/ye/gn) ready-to-talk indication	
Status LEDs	Power, status, bottom	
Key LEDs	each 2 (rd, ye, gn)	
2 Ethernet Ports [ETH1] [ETH2] PoE	10/100 BaseT PoE IEEE 802.3af-2003 PD (Powered Device), class 1	
Key lock feature	RFID slot frontside	
Headset [HEAD]	optional	
Plug	RJ-12 (6P6C)	
Output level	max. 1,6 V _{eff} (0,08W)	
Microphone	Elektret	
Rated impedance	32 Ohm	
Frequency response	20Hz ... 20kHz (-3dB)	
Control	PTT contact	

Handset [HAND]	optional
Plug	RJ-12 (6P6C)
Output level	max. 1,6 V _{eff} (0,08W)
Microphone	Elektret
Rated impedance	32 Ohm
Frequency response	20Hz ... 20kHz (-3dB)
Control	PTT contact
Auxiliary In-/Output [AUX]	optional
Plug	RJ-12 (6P6C)
Output loudspeaker	2,5W at 4 Ohm, 1,5W at 8 Ohm
Input	symmetric, 10 kOhm
Rated impedance	32 Ohm
Frequency response	20Hz ... 20kHz (-3dB)
Control	PTT contact
Essential software functions	
DSP functions	Compressor limiter /AEC
Supported audio codecs for speech and music files	G.711 PCMU/PCMA 8kHz G.722 16kHz wideband Speex 8kHz narrowband Speex 16kHz wideband Speex 32kHz ultra wideband PCM Linear 16Bit 44,1kHz
VoIP protocols	SIP, RTP, RTSP, RTCP, multicast PA
Control protocol	WeNet
Environmental data	
Admissible operating temperature range	0°C ... +55°C
Storage temperature	0°C ... 60°C
Operation air humidity	5% ... 95%
Ingress protection	IP32 in conformity with DIN EN 60529

Accessories

Article	Description	Art. No.
Voice Alarm System PACE-VA	DIN EN 54-16	33444
Desktop call station PACE-CSTP	DIN EN 54-16, touch screen	13576
Desktop call station PACE-CSTPR	DIN EN 54-16, touch screen redundant	13587
Firefighters call station PACE-CS5A	DIN EN 54-16, 5 + 2 buttons	13598