

Cura® SIP intercom station

STS01 / STS09 / STS17 / STS33



The CuraSTS intercom family combines all the features of modern IP intercom stations. They can be operated as system-specific intercom terminals within the Funkwerk KAP400coreX system and the Cura® public address systems, but also as SIP intercom terminals in standard VoIP environments. The CuraSTS family offers a range of different types of call stations with up to 32 destination keys and function keys.

In addition to the standard configuration to perform live announcements, optional functions such as triggering of fixed stored announcements, push-to-talk communication or status displays for the connected PA-system and the configured destinations can be added.

The Cura® STS intercom terminals have a robust metal housing and are powersupplied by Power-over-Ethernet in accordance to IEEE 802.3af.

FUNCTIONAL FEATURES

- » Power supply via PoE (IEEE 802.3af)
- » Excellent sound quality through the use of high-quality audio components
- » Fully digital audio processing with customisable filters
- » Web-based configuration and diagnostics
- » 300 mm gooseneck microphone
- » Compact dimensions
- » Modular key concept:
 - » 1 key: destination dialling and PTT
 - » 8+1 keys: 8 x function/destination keys and separate PTT-key
 - » 16+1 keys: 16 x function/destination keys and separate PTT-key
 - » 32+1 keys: 32 x function/destination keys and separate PTT-key
- » Permanent status control and display by LED-Indicators:
 - » Power supply, operation and error
 - » In combination with KAP400coreX system, additional target statuses (red/yellow/green) possible

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TECHNICAL DATA

GENERAL PROPERTIES				
	STS01	STS09	STS17	STS33
Dimensions (W x H x D) [mm] (without gooseneck microphone)	126 x 158 x 63	126 x 158 x 63	126 x 158 x 63	253x 158 x63
Function/destination keys	1 combined with PTT key	8	16	32
PTT-key		x	x	x
Status indicator	Group indicator: Power supply, operation/occupied, fault			
		red/yellow/ green per destination	red/yellow/ green per destination	red/yellow/ green per destination
Weight [kg]	ca. 0.5	ca. 0.8	ca. 0.9	ca. 1.5
Microphone	Gooseneck, ca.. 300 mm, electret capsule, strong cardioid			
TECHNICAL PROPERTIES				
Power supply	PoE (IEEE 802.3af), max. 10 W			
Network connection	1 x RJ45 at the rear, 10/100/1000 MBit/s on customer request: 2 x RJ45 at the rear, 10/100/1000 MBit/s			
Bandwidth	300 Hz – 10 kHz (microphone and internal audio processing) The bandwidth may be limited depending on the used/selected VoIP codec.			
IP services	static IP address or DHCP, DNS, NTP, SIP, RTP, MQTT, HTTPS on customer request: SIP/TLS, SRTP, IEEE 802.1x			
VoIP Codecs	G.711a, G.711u, G.722 OPUS on customer request: G.722.1, L16			
Place of operation	indoor			
Degree of protection through housing	IP20			
Operating temperature range	0° C to +40° C			

ARTICLE NO.	
3612.000-01001	CuraSTS – 1 (Standard-Tischsprechstelle STS01, 1 Taste)
3612.000-01002	CuraSTS – 8+1 (Standard-Tischsprechstelle STS09, 8+1 Tasten)
3612.000-01003	CuraSTS – 16+1 (Standard-Tischsprechstelle STS17, 16+1 Tasten)
3612.000-01004	CuraSTS – 32+1 (Standard-Tischsprechstelle STS33, 32+1 Tasten)
