

DAKS-AudioConnect

Alert via PA system



Typical Areas of Use



Providing information in hard-to-reach areas (outside, basements, etc.)



Alarm in industrial plants dependent on event: internal danger = evacuation, external danger = closure, all-clear signal



Announcements on the campus



Announcements at traffic stops



Evacuation of hotels or event locations



DAKS-AudioConnect connects the telephony world with an existing PA infrastructure or loudspeaker system. Thus, prepared messages or live announcements can be output directly from the telephone to PA loudspeaker systems. In the process, these are optimally synchronized acoustically.

Reach many people simultaneously with just one call

DAKS-AudioConnect makes it possible to use processes defined in DAKS for extended application scenarios, e.g. to evacuate buildings quickly and efficiently, or to play announcements at targeted traffic stops.

Complex scenarios can be implemented according to customer specifications via a convenient browser-based user interface.

Technical Specifications / Hardware Details

Performance Feature / Hardware Detail	DAKS-AudioConnect V2.0x (based on DAKS-100)
Housing/Dimensions	table-top unit: 165mm x 105mm x 30mm (L x W x H)
Weight	approx. 450 g
Processor	computer core w/ μ Clinix™ operating system (virus-protected)
Mass storage	pluggable microSD card, 2 MB capacity (e.g. for operating system, license data and logs)
Service interface	1x USB/COM for connection to the terminal program (VCON) during commissioning
Ethernet LAN ports	1x 10/100BASE-T for connection to DAKSpro via SIP-XT and for configuration
Audio inputs	1x LF IN, 1x Mic IN
Audio outputs	2x LF OUT, 1x Loudspeaker OUT
Voice codec	G.711 A-law (μ -law on request)
Digital contact inputs	16 (monitored, i.e. with short-circuit and line-break detection), e.g. for checking the operational readiness of connected PA system circuits
Digital contact outputs	8 (galvanically isolated) + 1 relay output (max. 30 W, e.g. for last-error message), e.g. for selective activation of certain connected PA system circuits
Power supply	via Power-over-Ethernet (PoE) Class 2 in Mode A or B (IEEE 802.3af) from LAN switch or via power supply unit (PoE injector) from 100..230 V AC (included in delivery)
Power consumption	max. 6.5W
Cooling	passive (convection ventilation)
Operating conditions	5°C..35°C at max. 95% relative humidity (non-condensing)
MTBF	>400,000 h (period of observation: 5 years)
Declarations of conformity	EN 55022, EN 55024, EN 60950-1, IEC 60950-1, FCC Part 15 B, CE, CB-Scheme, CB-Reports, C-Tick
Country approvals (country codes acc. to ISO 3166-1)	EU countries: AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK Non-EU countries: AU, CA, CH, MY, NZ, SG, TH, TR, US

Order Information

Base system consisting of:

- TNK:DAU2H-CA1 – DAKS-100: server hardware with NF-I/O
- TNK:DAU2L-BAS – basic license DAKS-AudioConnect V2.0x

Other relevant order item numbers:

- TNK:DP9L-GW – DAKS gateway for connection to the telephony world
- TNK:DP9L-TELT – SIP registrar for SIP client management in DAKS

We will be happy to advise you on customer-specific special solutions (use as intercom or radio listening device) on request.



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