

# Hardware Extension for DAKS-Pro

# DAKS-AudioConnect

Software Version 2.0x

DAKS-AudioConnect acts as a SIP client and integrates, for example, an existing loudspeaker system (PA system) into your telephony world.

In this way, you can output announcements prepared in DAKS, or live announcements, from any telephone on your loudspeaker system and thus reach many people at the same time with one single "call".

Public transport companies and campus operators can use the functionality of DAKS-AudioConnect to output current announcements or general voice prompts individually or process-controlled via loudspeakers in previously selected areas.

More complex scenarios can be mapped customer-specifically by means of a comfortable browser-based user interface.



## SIP/PA-system Interface



Extends DAKS-Pro systems with the possibility of integrating existing loudspeaker systems as SIP participants into the telephony world

## Intercom \*



Door/gate intercom, elevator/amok alarm emergency call station

## Listening Device \*



Up to three LF signals with adjustable mixing ratio

\* Customer-specific special solutions (additional hardware required)

## Technical Specifications / Hardware Details

Performance Feature / Function	DAKS-AudioConnect (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/ $\mu$ 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 DAKS-Pro 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 ( $\mu$ -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 according 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

TNK:A8-UD-AC – DAKS-AudioConnect V2.0x base system

Other relevant order item numbers:

- TNK:A8-GTW – DAKS Gateway for connection to the telephony world
- TNK:A8-RGSTR – DAKS SIP Registrar for managing SIP clients in DAKS

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

