

IAP

INTERNAL AUDIO PROCESSING FUNCTION

The internal audio processing function (IAP) enables the recording and the playback of tones and texts. You can play back any combination of pre-defined texts and tone signals.

The software-based IAP function is executed directly on the controller. No separate hardware is required.

This function is especially important in systems that are used to alert and warn people.



- Recording and playback of audio files
- Support of up to 10 independent internal audio channels
- Management of max. 1,000 different tracks
- 500 MB memory of up to 2 hours of audio files (Controller DXC) or 2 GB for up to 8 hours (Controller XCO)
- Integrated self-monitoring
- No separate hardware required

AUDIO DATA

Memory for tones and texts	Controller DXC: 500 MB (playback time approx. 2 hours) on a Compact Flash Card Controller XCO: 2 GB (playback time approx. 8 hours) on an internal Flash memory
Max. number of tracks	1,000
Audio codecs	G.711 (A-Law), G.722
File format	*.wav (16 Bit linear, mono, 32 kHz)

AVAILABILITY

The IAP function is supported as follows:

1 DXC 03	1 DXC 04	1 XCO 001
IAP function is not supported.	supported from software version 7.0.0	supported without restrictions

ORDER DATA

Description	Type Number
ACT-2 IAP VoIP Channels Activation of two VoIP channels for the internal audio processing function within the INTRON-X / INTRON-D plus system	101-300-101

AUDIO CHANNEL

An audio channel enables speech and tone information to be transmitted from the XCO/DXC with activated IAP function to connected peripheral devices.

You can activate up to 10 audio channels per XCO/DXC and use them independently from one another. You can choose the number of available audio channels by function activation.

HANDLING OF AUDIO FILES

The text and tone sequences are directly stored on the controller. The controller DXC provides a memory space of 500 MB for up to 2 hours of audio. The controller XCO provides 2 GB for up to 8 hours of audio.

A maximum of 1,000 tracks can be stored in *.wav format. The *.wav files are packed into a file using INDUSTRONIC's configuration software Config Manager and then uploaded via the XCO/DXC web interface. Here, you can also set and store the output level globally for all tracks or individually for each track.

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