

# INTRON-D *plus*

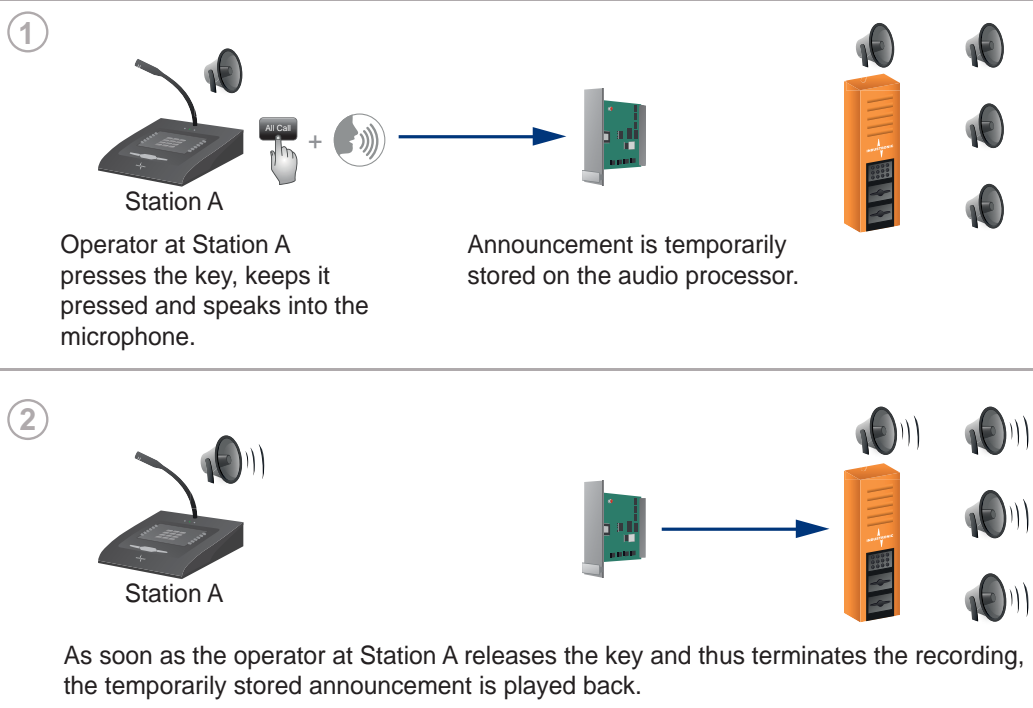
## Store & Forward

### In a Nutshell

Recording and time-shifted playback of voice announcements to prevent acoustic feedback.

As long as the key is pressed down, the announcement is recorded and temporarily stored on an audio processor. As soon as the key is released, the announcement is played back.

### Illustration



### Description

The operator at Station A presses the corresponding key to record the voice announcement, keeps it pressed and speaks into the microphone (Push-to-Talk). The voice is recorded and stored on an audio processor as long as the key is pressed.

As soon as the operator releases the key, the recorded voice announcement is forwarded to one or more targets and is played back.

The time-shifted playback of the voice announcement prevents unwanted acoustic feedback.

## Application Examples

Store & Forward is often used for applications where voice announcements are made via an intercom station located in the immediate vicinity of speakers which broadcast the announcements.

If microphones and speakers are located close to each other, unwanted acoustic feedback can be heard. This so-called Larsen effect occurs when a speaker outputs a microphone signal and at the same time the microphone picks it up again if it is too close to the speaker. This signal is then amplified and played back repeatedly.

Especially in control rooms, intercom stations and speakers are often installed close to each other. To prevent acoustic feedback for announcements initiated in a control room, these are temporarily recorded on an audio processor first and played back as soon as the microphone is deactivated again.

## Customer Benefits

- No acoustic feedback if intercom stations and speakers are installed close to each other
- Less effort for cabling/wiring as no separate speaker circuits or cutoff relays are required
- Direct and immediate transmission of information
- Targeted voice announcements avoid dangers and minimize the risk of accidents
- Clear information optimize the operational processes

## Options

### Pre-announcement Tone

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Pre-announcement tones are short acoustic signals played back before an announcement. A positive effect is that listeners stop their conversations or noisy activities to focus on the announcement that follows.

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## Technical Details

Store & Forward can be used with INDUSTRONIC intercom stations, external telephones and radio devices.

For telephones, the announcement is recorded as long as the handset is lifted and the subscriber speaks. As soon as the handset is replaced, the message is played back.

For radio devices, the announcement is recorded for the duration of the keypress. As soon as the key is released, the message is played back.

Announcements are only stored temporarily. Repeat playback is not possible.

#### Related Functions

- Group call
- All call
- Dynamic group call
- Page & CallBack

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