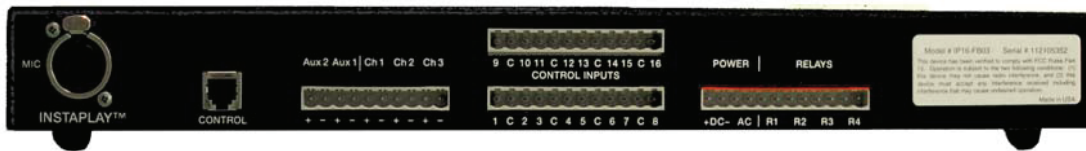




INSTAPLAY™ DIGITAL RECORDER / ANNOUNCER



Instaplay™ digital announcers record, digitize, store, and play high quality, non-volatile audio with solid state dependability.

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- Use Instaplay for:**
- Triggered Messages
 - In-store assistance requests – “Press button for assistance”
 - Just-in-time manufacturing
 - Airport boarding messages
 - Store closing announcements
 - Door entry announcements
 - Museum exhibits
 - Amusement park rides
 - Voice alert / warning / evacuation
 - Interactive displays (kiosks)
 - Hospital code blue, visiting hours, & birth announcements
 - Tour busses / boats
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INSTAPLAY™ provides innovative solutions for the ‘real life’ requirements of recorded message announcing.

- The ability to record from a microphone or Aux input permits “**on the spot**” recordings or loading of prerecorded productions.
Remote recording and control over a dial-up telephone line, satellite link, duplex radio channel is also available.
 - Each message can be individually replaced at any time. The new recording can be longer or shorter than the original.
 - Instaplay does not restrict the use of **recording capacity**. Each message can be as much as 30 minutes, with all remaining recording capacity available for additional messages.
 - Playlists can be **triggered by contact closure**, DTMF tones, or with the optional Scheduler or RS-232 Serial Link. Either a single message or sequence of actions can be initiated.
 - Variable spacing between messages on a playlist is easily configured.
 - Runs from primary or backup power source.
 - Programming is **as easy as using a touch tone telephone**. Simply listen to the prerecorded instructions that guide you through each step. Use the phone’s keypad to enter your selections and Instaplay will respond in English. Or program your PLC for serial communications.
 - Instaplay can easily be **tailored by the installer** to run in the correct mode for many diverse situations. For example, we may want the announcer to ignore a youngster’s repeated pressing of the “PLAY” button at a museum display. Other applications, such as hospital code blue announcements or emergency evacuation may require an immediate abort if a higher priority message is requested.
Instaplay can **repeat a message** up to 9 times or continuously.
 - Instaplay can allow **live announcements** to override both the background music and its normal announcing function.
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INSTAPLAY™ Technical Specifications

CONTROL

INSTAPLAY uses contact closure inputs or DTMF tones, along with the optional Scheduler or the optional RS-232 port to select which playlist to run.

4, 8, or 16 physical contact closure inputs with virtual control
Optionally 32, 64, or 128 virtual control inputs

CAPACITY

Up to 80 minutes of recording time
500 variable-length messages
Up to 300 Playlists

PROGRAMMING

ON SITE — A touch-tone telephone is used to enter commands. Instaplay responds in spoken English.
REMOTE — Optional programming over a dial-up telephone line with voice prompts, half- or full-duplex radio with voice prompts, or via RS-232 serial link available.

MESSAGE RECORDING

ON SITE — Messages can be recorded from a telephone handset, a microphone, or loaded from the output of an audio tape, CD, or MP3 file.
REMOTE — With the Telephone Control or Radio Control options, messages can be recorded remotely.

PLAYLISTS

Playlists can contain messages, relay commands, volume commands, output channel selection, variable message spacing, and activation or deactivation of Virtual Control Inputs.

OPERATIONAL CONTROL

When a Control Input is triggered from a dry contact closure (or over the phone or from the serial port), the corresponding playlist is executed. Behavior of Instaplay's Control Inputs can be programmed to suit the specific application. The installer or customer can easily choose to have a Contact Closure:

- Queue all requested playlists or queue only new ones
- Cancel all currently queued or running playlists and start the requested one
- Have a priority status
- Execute each playlist up to 9 times or indefinitely until the condition is reset
- Cause a particular Control Input to STOP all message announcing
- Cause a particular Control Input to synch the clock
- Cause a particular Control Input to override all other activity

RELAY OUTPUTS

One Standard Relay is automatically energized during announcements.
Up to 8 programmable relays are available. Relays can be controlled from playlists or directly with DTMF tones or Serial commands.

OPERATIONAL POWER

AC — 12 to 16 VAC
DC — 12 to 24 VDC (Can seamlessly operate from backup battery)
Optional remote notification on loss of AC power.

AUDIO INPUTS

Aux Input — For line-level recording
Microphone Input — Standard 3-pin XLR Low Impedance, Balanced (on 8- & 16-input models) or optional Push-to-talk system.

AUDIO OUTPUTS

Output Format — Line Level or 8 ohm Speaker Driver
One standard; Up to 7 available. Each volume level can be adjusted automatically from playlists or with DTMF tones. With the Scheduler option, volumes can be automatically changed at various times / days.

MESSAGE STORAGE

Storage Format — Non-volatile, solid state. High quality 16-bit format.

PHYSICAL / ENVIRONMENTAL / WARRANTY

Industrial Grade — Operates from -40 to +85 degrees C
Dimensions — 1-3/4" H x 15-3/4" W x 10-1/2" D
Mounting — Rack- (1U) or Wall-Mount brackets available
Warranty — 1 year parts and labor

INSTAPLAY™ OVERVIEW

Instaplay is a non-volatile digital message repeater that is normally used to broadcast pre-recorded messages whenever one of its control inputs is activated. Each Control Input has a corresponding playlist, which are at the heart of Instaplay's flexibility.

Playlists control, coordinate, and organize the playing of messages. Playlists can also control the spacing between events, select audio output channels, change the audio output volume, and invoke other playlists to run.

Standard features include:

- ◆ 500 non-volatile messages
- ◆ Up to 3 hours of recording capacity (depending on model)
- ◆ User-recorded or Digitized professional messages
- ◆ User-definable Rules of operation
- ◆ 4, 8, or 16 Control Inputs that can be prioritized
- ◆ Control Inputs that can be physically triggered or virtually activated
- ◆ Relay output for the duration of each message
- ◆ Background music playthrough
- ◆ Live audio feedthrough (Emergency Override)
- ◆ Pre-announcement tones
- ◆ Automatic transfer from primary AC to secondary DC power

Playlists can be activated from a Control Input, from another Playlist, or from DTMF tones from Instaplay's Control Phone. Optionally, remote activation can be from DTMF tones using a remote telephone, DTMF tones over a two-way radio, ASCII commands over an RS-232 interface, or ASCII commands over an Ethernet interface.

Optional features include:

- ◆ Up to 7 Audio Output Channels
- ◆ Up to 8 Programmable Relays
- ◆ Remote Telephone Control
- ◆ Remote Telephone Control with Automatic Out-Dialing
- ◆ Scheduler
- ◆ Serial Link communication
- ◆ Ethernet communication
- ◆ Two-way Radio Control
- ◆ Up to 128 Virtual Control Inputs
- ◆ Push-to-talk Microphone

SUMMARY OF INSTAPLAY™ OPTIONS

AUDIO OUTPUT CHANNELS (-2C, -3C, or -7C)

The "-xC" option provides the ability to announce messages over any combination of available audio output channels. Volume levels can be independently set for all channels.

PROGRAMMABLE RELAYS (-2R, -4R, or -8R)

The "-xR" option provides up to 8 relays that can be controlled from playlists, with DTMF commands (either Locally or Remotely), or from ASCII commands over an RS-232 Serial Port or an Ethernet Port. Announcers can be programmed to allow all relays to function as required.

TELEPHONE CONTROL (-TC)

With the "-TC" option, your Instaplay units can be connected to a standard analog telephone line, thereby eliminating the need for on-site personnel. Remote recording, programming, and status reporting can be accomplished from any location with telephone or cellular service. Various security options determine how Instaplay will respond to incoming calls, which can include a Customer-defined greeting.

TELEPHONE CONTROL with AUTO-DIALER (-TCA)

Telephone Control with AutoDialer allows for both incoming and outgoing calls. In addition to allowing a user to remotely connect to and control Instaplay, this option allows Instaplay to initiate outgoing calls to inform remote users of critical conditions.

SCHEDULER (-SC)

With the "-SC" option, your Instaplay can run Playlists at scheduled times. On a daily, weekly, or hourly basis, Playlists can be scheduled to play messages or automatically change machine parameters, such as message spacing or output volume. Instaplay's Scheduler includes a 365 day calendar. Scheduled entries and Control Inputs can be combined and inter-mixed on a relative priority basis to determine which event should take precedence.

SERIAL LINK (-SL)

With the "-SL" option, an RS-232 Serial Link enables Instaplay to be controlled from a personal computer or PLC. Individual commands can be executed or a text file containing commands can be sent from the PC to the Instaplay. A text file may also contain playlists or schedules. In addition, pre-processed audio files can be downloaded.

SERIAL LINK with VIRTUAL CONTROL INPUTS (-SLV32, -SLV64, or -SLV128)

With the "-SLV" option, up to 128 virtual control inputs can be activated with ASCII commands from a computer or PLC over Instaplay's serial port.

NETWORK (-NT)

With the "-NT" option, an Instaplay on your Ethernet network can be controlled from your PC. Individual commands can be executed or a text file containing commands can be sent from the PC to the Instaplay. A text file may also contain playlists or schedules. In addition, pre-processed audio files can be downloaded.

NETWORK with VIRTUAL CONTROL INPUTS (-NTV32, -NTV64, or -NTV128)

With the "-NTV" option, up to 128 virtual control inputs can be activated with ASCII commands from a computer or PLC over an Ethernet connection.

RADIO CONTROL (-RC)

With the "-RC" option, Instaplay units can be remotely programmed and controlled with a half- or full-duplex radio, thereby eliminating the need for on-site personnel. This option allows remote recording, programming, and status reporting on any individual Instaplay within broadcast range even if telephone lines are down.

PUSH-TO-TALK MIC CONNECTOR (-PTT)

With the "-PTT" option, Instaplay is configured with a 5-pin XLR microphone connector. The microphone's push-to-talk button activates Instaplay to permit a live broadcast that overrides any triggered or scheduled announcements.