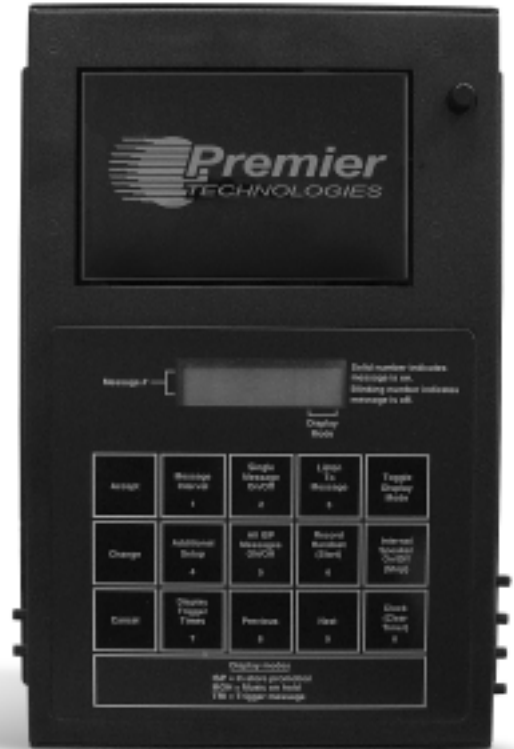


### General description

The 4500 is a solid state digital message repeater designed to inject messages over a background music feed. The messages are loaded into the unit through the cassette tape drive or a telephone handset. The unit accepts a live music feed, and then mixes the stored messages with the music feed. The 4500 can store two zones of messages that output at two different time intervals. Most commonly used as In-Store messaging and On-Hold messaging, the In-Store zone or zone two can also output daypart messages that play at a specified time of day.



### Features

- Dual-Zone Output**  
 The 4500 allows two independent sets of messages to output to two zones. The intervals can also be set independently. This will allow for In-Store Promotion and On-Hold Messages.
- Telephone On Hold Messaging**  
 Verbal messages can be interspersed with music to play over the phone line for telephone on-hold applications.
- In-Store Promotion Messaging**  
 Verbal messages can be interspersed with music to play over the public address (PA) system for In-Store Promotion applications.
- Dayparting/Time of Day Triggered Messages**  
 The 4500 allows time of day messages to be programmed in order to output specific messages at exact times throughout the day. For example, store closing messages can be played over the PA to announce store closing in 30 minutes, 15 minutes, and at the time of store closing.
- Automatic Mixing**  
 The 4500 automatically mixes messages with background music from a live feed. Messages can be tape loaded or handset loaded.
- Music Pass-Through**  
 The 4500 allows a live music pass-through to be shared with dual-zone output.
- Flash Memory**  
 The 4500 is equipped with the most advanced memory. The (NAND) flash memory assures the unit retains the messages and a program settings in the event of a power interruption.
- Background Music**  
 Music from an external music source plays between messages. If you are using the fade feature, the music will play at a reduced level behind the messages.
- Re-Recordable Messages**  
 Messages can be erased and re-recorded into any message position. New messages can be any length you want. The on board micro-processor realigns the memory for maximum efficient memory usage.

# ISP 4500

## Installation/Connections

- 1) Connect a music source to Input on the unit.
- 2) Connect the On Hold 600 Ohm output to the music-on-hold port on the telephone system. If volume level is insufficient, change the connection to the On Hold 8 Ohm output.
- 3) Connect a telephone handset with carbon microphone to the Handset connector for local recording of individual messages.
- 4) Connect the ISP output to the line-in input on a PA system.
- 5) Connect the AC adapter to the unit's Power input. (Power input requires 12 Vdc @ 800 mA, center terminal positive.) Connect the other end of the AC adapter to a 120 Vac outlet.

## Technical Specifications

**Recording Time** 4, 8, 16, 24, and 32 Minutes

**Message Capability:** Zone 1 - MOH - 12 messages  
Zone 2 - ISP - 21 messages  
Zone 2 - Trigger/Timed - 12 messages

**Memory Type:** NAND Flash Memory, non volatile (holds all programming in memory until user makes a change)

**Frequency Response/  
Bandwidth:** Messages - 200 Hz to 8 KHz

**Frequency Response/  
Bandwidth:** Music - Same as external music source

**8 Ohm output (MOH):** 8 Ohm and 5 Watt (RCA type connector)

**600 Ohm output (MOH):** 600 Ohm output for "line-in" connection to amplifier (RCA type connector)

**"Line-Out" (ISP):** RCA type connector

**Music Input:** "Line-Out" type connector from music source (RCA type connector)

**Handset Input:** Carbon Handset



### Warranty

Upon receipt, the manufacturer will repair or replace, at its option, for a period of three years from the date of purchase, any system that proves defective in materials or workmanship. The manufacturer is not liable for indirect, incidental, or consequential damages in connection with the use of this product. This limited warranty does not include labor for installation or removal of the unit.

### Authorized Dealer

