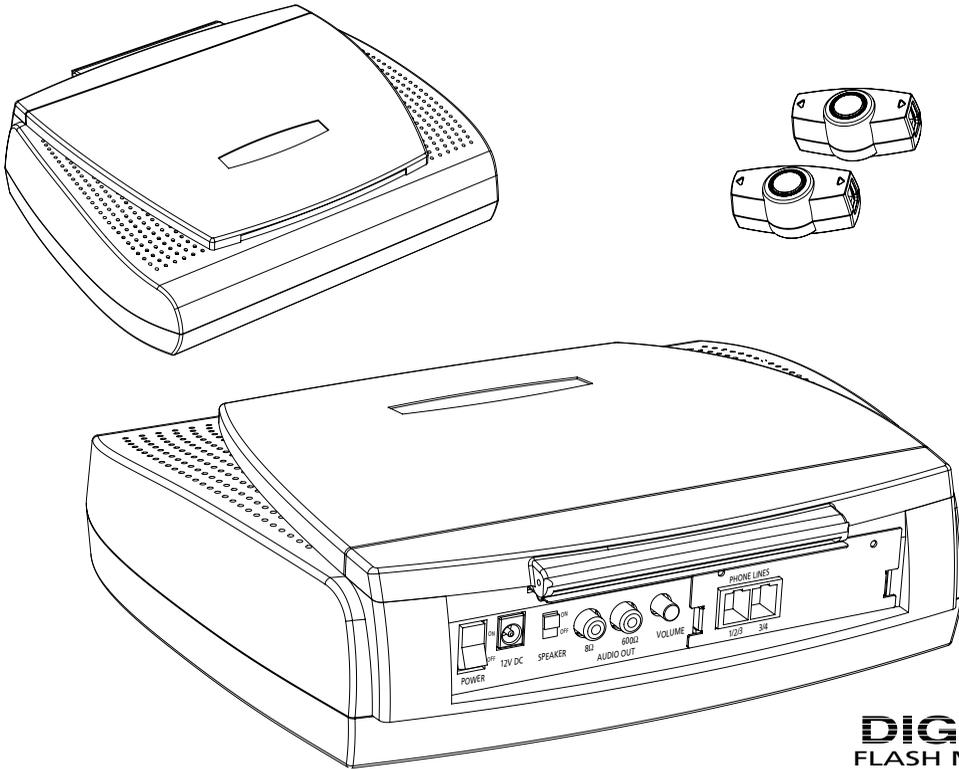


# User Manual



**DIGITAL**  
FLASH MEMORY

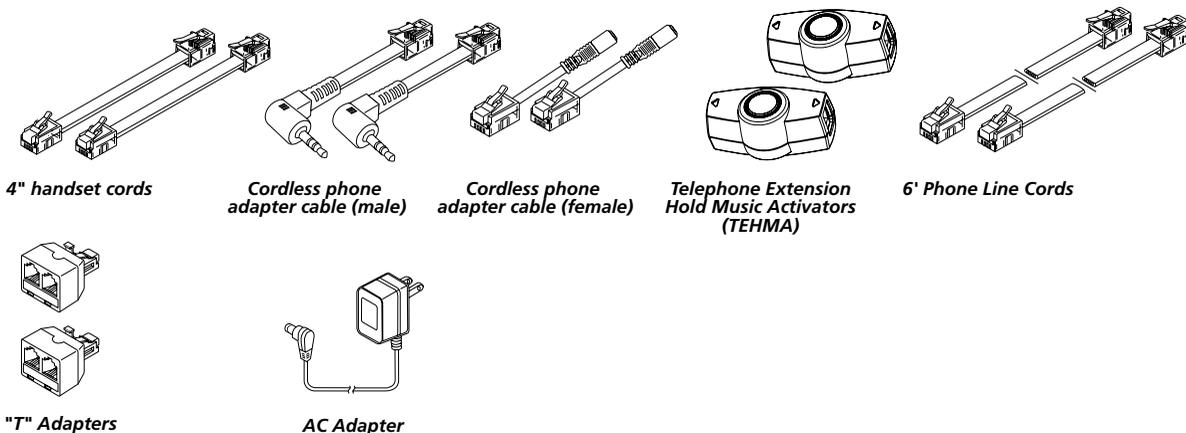
## Single-track CD Autoload On-Hold Audio System with analog line capability

Before using this unit, please read the operating instructions carefully.  
Afterwards, keep them handy for future reference.



## Supplied Accessories

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## Player Features

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**Digital flash memory** - design retains music/message content even during power loss...unit ships with preloaded audio.

**Integrated CD mechanism** - quickly and easily record high quality audio. CD media is easy and inexpensive to duplicate and distribute.

**CD Autoload** - drop in a CD with a single track, close the lid, and the unit automatically records the content.

**Built-In Monitor Speaker** - allows user to monitor sound with the flip of a switch.

**Analog Line Capability** - provides on-hold audio capability to ordinary analog and KSU-less phones.

**Telephone Extension Hold Music Activators** - connects to phone extensions for true "hold button activation" of the on-hold audio function.

**Wall Mountable** - unit can be mounted, played, and recorded in a vertical position.

**3-year warranty**

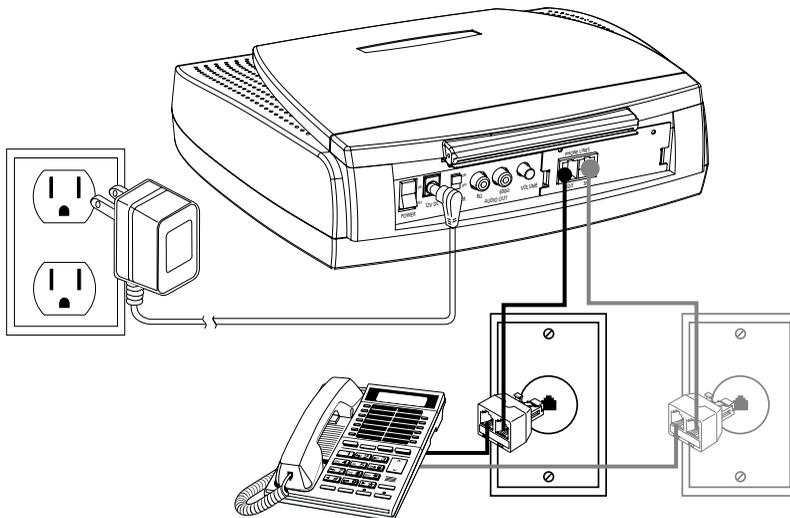
## Player Set-up

### 1 step

#### ► *Connection to analog phone lines*

#### Combined Line Connection

Lines 1 & 2 are combined in one wall jack and lines 3 & 4 are combined in another wall jack



- 1** Plug the supplied "T adapter" into any modular phone jack which services line 1 and 2.  
(This will allow you to share the phone jack with any phone extension which you have plugged in to the wall jack.)
- 2** Plug the provided phone cord into the jack marked "Line 1/2/3" on the back of the player.
- 3** Plug the other end of the phone cord into the "T" adapter which is servicing line 1 and 2.  
REPEAT ABOVE IF LINE 3 and/or 4 ARE PRESENT.

**NOTE:** One system will provide on-hold audio capability to all phone extensions in your office.

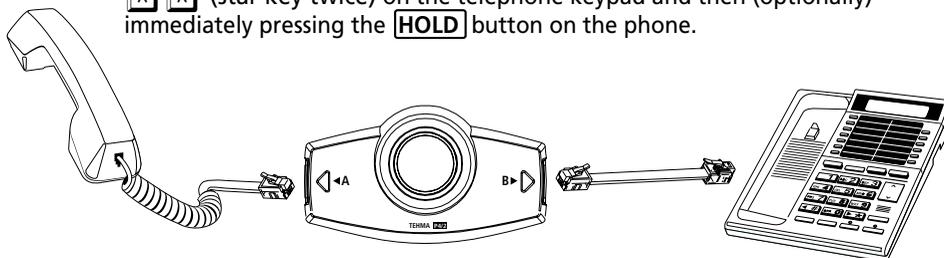
#### ► ***IMPORTANT! - Player volume adjustment***

Adjust the player's volume control to the half way point before proceeding to the next step. Excessive volume will cause the on-hold audio to shut off during playback.

## Corded Phone Set-up

### ► **Telephone Extension Hold Music Activators (TEHMA)**

For true "hold button activation" of on-hold audio, each phone extension requires a "hold music activator". Two activators have been included in your package. If you require additional activators for other phones, contact your reseller or visit [www.onholdplus.com](http://www.onholdplus.com) to purchase them on-line. Most phones without activators are able to engage the hold music feature by pressing   (star key twice) on the telephone keypad and then (optionally) immediately pressing the **HOLD** button on the phone.



corded phones

#### **NOTE**

##### **GE 2-9450 & 2-9460 Phones**

The wiring in the handsets of GE 9450 and GE 9460 phones is reversed and your TEHMAs will require a special crossover cable to work.

Please contact your dealer for these special cables.

### ► **Corded telephone connection**

- 1 Remove coiled handset cord from base of phone.
- 2 Plug short phone cord (supplied) into the "hold music activator" (side marked "B") and other end to phone base.
- 3 Plug end of coiled cord (connected to handset) into jack on the hold music activator (side marked "A").

**NOTE:** After connecting, if you can not hear the dial tone (handset sounds "dead"), unplug the TEHMA and reconnect it in the opposite direction.

### ► **System test** (if test fails, see troubleshooting guide)

- 1 From any phone in the office with a "hold music activator" attached, dial an outside phone number (a cell phone works fine).
- 2 Place the call on-hold using the **HOLD** button on the telephone.
- 3 Return to call and confirm that the on-hold audio was present on the line while on-hold. Using the volume control on the rear of the unit, adjust the volume to proper level.
- 4 **IMPORTANT:** Excessive volume may cause the on-hold audio to shut off during playback.

### ► **Deactivating hold music manually**

If, for any reason, the hold music is activated inadvertently, it can be deactivated by pressing any key on your phone's dial pad.

### ► **Phones with "speakerphone" or "mute" functions**

Telephones with "speaker phone" or "mute" function can fool the unit into thinking that the line is on hold. If this occurs press any key on your phone's dial pad to deactivate the music. Pressing a key will deactivate the feature for the remainder of the call.

## Cordless Phone Set-up

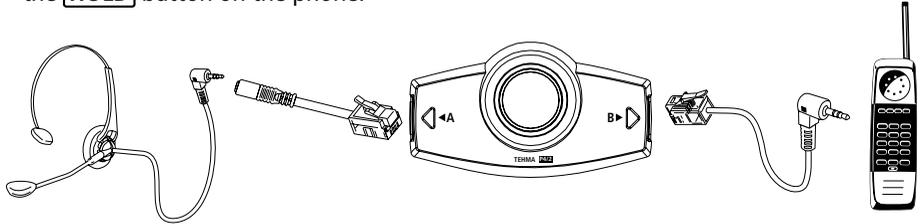
### ► Telephone Extension Hold Music Activators (TEHMA)

For true "hold button activation" of on-hold audio, each cordless phone requires the use of a telephone headset (not included) in conjunction with a "hold music activator".

Two hold music activators and headset adapter cables have been included in your package. If you require additional activators for other phones, contact your reseller or visit [www.onholdplus.com](http://www.onholdplus.com) to purchase them on-line. Most phones without activators are able to engage the hold music feature by pressing the   (star key twice) on the telephone keypad and then (optionally) immediately pressing the **HOLD** button on the phone.



cordless phones



### ► Cordless telephone connection

- ❶ Using the "cordless phone adapter cable (male)," plug the end of the cable with the phone connector into the jack on the hold music activator marked "B".
- ❷ Connect the headphone jack side of the cable to the cordless phone's headset jack.
- ❸ Using the "cordless phone adapter cable (female)" plug the phone connector side of the cable to the end of the hold music activator marked "A" and then plug the headset to the other side of the connector cable.

### ► System test (if test fails, see troubleshooting guide)

- ❶ From any phone in the office with a "hold music activator" and a headset attached, dial the phone number of another phone (a cell phone works well).
- ❷ Place the call on-hold using the **HOLD** button on the telephone.
- ❸ Return to call and confirm that the on-hold audio was present on the line while on-hold.
- ❹ Using the volume control on the rear of the unit, adjust the volume to proper level.  
**IMPORTANT:** Excessive volume will cause the on-hold audio to shut off during playback.

### ► Deactivating hold music manually

If for any reason the hold music is activated inadvertently, it can be deactivated by pressing any key on your phone's dial pad.

## Settings

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### ▶ **Audio Output Impedance**

Location -- rear panel RCA jacks

Operation -- Most telephone systems prefer an 8 ohm output. If you are working with an older phone system, the 600 ohm output may be preferable.

### ▶ **Speaker Switch**

Location -- rear panel

Operation -- turn to "ON" position to listen to program playing from digital memory. Audio being recorded plays through speaker, regardless of speaker switch position. Speaker switch position has no effect on AUDIO OUT playback.

### ▶ **Volume Control**

Location -- rear panel

Operation -- controls output level of AUDIO OUT jack. To adjust, turn control knob clockwise to increase volume. Set proper volume level by calling in from a phone close to the unit (or cell phone) and having your call placed on hold.

### ▶ **Power Switch**

Location -- rear panel

Operation -- turns power on or off. When power is on, the green LED on the front of the player is illuminated.

## Adding Additional Memory

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### ▶ **Configuration**

The digital player comes standard with 8 minutes of flash memory. Memory can be expanded to 16, 24 or 32 minutes by adding memory modules in 8-minute increments. Memory modules can be placed into 3 available memory expansion slots located under the memory expansion access panel door.

### ▶ **Installation**

1. Turn power switch to OFF position.
  2. Open player lid.
  3. Remove memory expansion access panel door located left of the CD drive.
  4. Carefully insert the 24-pin memory module chip in an open expansion slot (beginning at the top of the unit).
  5. Turn power switch to ON position.
- LCD will display the additional memory in the MEM AVAIL counter.

## Operation

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### ▶ **Playback**

#### ***Playing Audio Stored in Memory***

By default, the unit is always in "playback" mode.

#### ***Playback After Power Loss***

If power to the unit is lost, the unit will resume playback as soon as power is reapplied. The unit retains its recorded content after power loss.

### ▶ **Recording**

#### ***Recording Single-Track CDs***

1. Open cover
2. Insert CD
3. Close cover

OPERATION – Once cover is closed, the unit will automatically begin recording the content of the track into the unit's digital memory. During the recording process, the contents of what is being recorded to memory will be heard through the speaker and the red LED on the front of the unit flashes. The unit automatically switches over to "playback" mode when recording is complete.

#### **NOTE:**

This unit will not record a multi-track CD. If a multi-track CD is placed in the unit, the red "REC" LED will flash for a few seconds then stop. No audio will be recorded to memory.

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# Information

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## ► **FCC Information**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

## ► **Precautions**

### **Safety**

As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the casing. Refer servicing to qualified personnel only. Do not put any foreign objects in the safety slot inside the disc compartment. If you do so, the laser beam may come out when the lid is opened. Do not put any foreign objects in the DC IN 6V (external power input) jack. Should any solid objects or liquid fall into the unit, disconnect the power supply and have the unit checked by qualified personnel before operating it any further.

### **Operation**

Since the CD system offers a wide dynamic range, the peaks of the high level inputs are recorded with high fidelity, and the noise level is very low. Do not turn up the volume while listening to a part of the disc with no audio signals or very low level inputs. If you do so, the speakers may be damaged when the peak level of the sound is played. The lens on the disc table should be kept clean. Do not touch the lens or poke at it. If you do so, the lens may be damaged and the unit will not operate properly.

### **Installation**

Never install the unit where it would be subjected to:

- heat sources such as radiators or air ducts.
- direct sunlight.
- excessive dust.
- moisture or rain.
- mechanical vibration or shock.
- unlevelled surface.

- When the unit is used with an AC power adapter, do not wrap the unit in a cloth, blanket, etc. If you do so, the temperature inside and outside the unit may rise considerably, resulting in malfunctioning of the unit or serious accidents.
- If the unit is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the unit. Should this occur, the unit will not operate. In this case, remove the disc and leave the unit in a warm place for several hours until the moisture evaporates.
- For the unit to operate at its best, it should not be subjected to temperatures below 5°C (41°F) or above 35°C (95°F).

## ► **Warnings**

- Before operating the unit, please read this manual thoroughly and retain it for future reference.
- To prevent fire or shock hazard, do not expose the unit to rain or moisture. To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.
- The use of optical instruments with this product will increase eye hazard.

## ► **Care & Maintenance**

**Cleaning** -- Do not use volatile chemicals on this unit. Clean by lightly wiping with a soft cloth.

**Cleaning the CD** -- If the CD skips or will not play, the disc may need to be cleaned. Before playing, wipe the disc from the center out with a cleaning cloth. After recording CD into memory, store the CD in its sleeve.

**Handling the Disc** -- Only touch the CD on the edges to avoid fingerprints on its surface.

**CD Player Lens** -- Do not touch the CD lens with your finger or any other material. If there is dust on the lens, blow lightly or use a camera lens blower brush.