



MusicTel-60

Music on-Hold SYSTEM

Installation Manual



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INTRODUCTION

The Retell MusicTel-60 is a digital music on-hold player. It has no mechanically moving parts. Retell MusicTel-60 allows 60 or 240 seconds of stored music in a non-volatile memory. Recording is performed by connecting the Retell MusicTel-60 to an external audio device.

Note: Device cannot be upgraded to different maximum recording time.



Figure 1 Retell MusicTel-60 General View

The Retell MusicTel-60 has the following features:

- High quality recording.
- 60 or 240 seconds of recording time depending on hardware configuration.
- Non-volatile memory.
- Built-in speaker monitor and test button.
- Simple operation and maintenance.

DESCRIPTION

Physical Description

The functional components of the Retell MusicTel-60 are located on its connection panel. The LED's and buttons are located on the front panel.

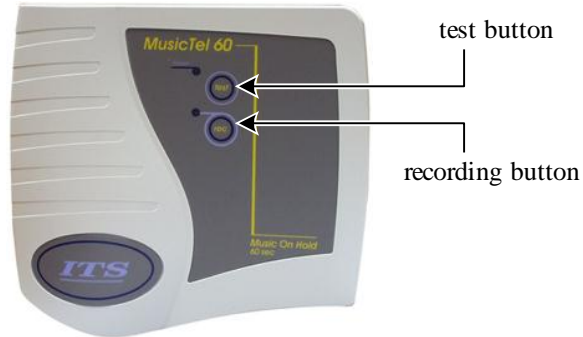


Figure 2. Retell MusicTel-60 Front Panel

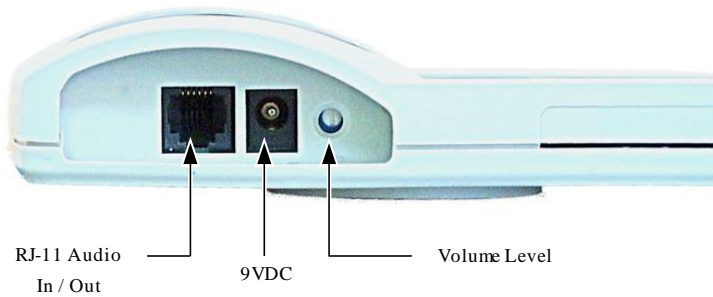


Figure 3. Retell MusicTel-60 Connection Panel

Unpacking

The Retell MusicTel-60 includes the following components:

1. Retell MusicTel-60.
2. Power adapter.
3. Audio cable (Standard RJ-11 cable).
4. Recording cable.
5. Wall mounting kit containing 2 screws and 2 wall plugs.

If any of these components are damaged or missing, please contact the supplier from whom you purchased the product or e mail technical.helpdesk@retell.co.uk or call us on 01932 773874

INSTALLATION

The Retell MusicTel-60 is delivered with pre-recorded music. New music can be recorded before mounting the Retell MusicTel-60 on the wall and before connecting it to the PBX. If no new music is to be recorded, proceed with the installation as described below in Physical Installation.

Recording Instructions

Note: Check the Maximum recording capacity available on the label before starting recording process.

To record music on the Retell MusicTel-60, a special recording cable must be used (provided). Record new music on the Retell MusicTel-60 by following these instructions:

1. Plug the 9VDC adapter jack into the Retell MusicTel-60 power supply connector. Next, connect the 9VDC adapter to the mains power supply.
2. Connect the Recording cable (enclosed in the packaging) to the RJ-11 socket on the connection panel of the Retell MusicTel-60 (see Figure 5).
3. Next, connect the Recording cable to the music source device (CD player, tape etc.), as described in Figure 4 below.

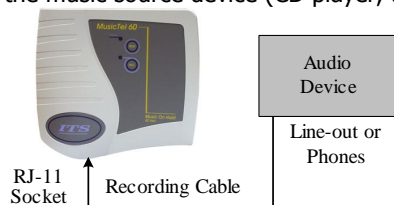


Figure 4. Connecting the Recording Cable

4. To start recording, press the Play button on the CD player, and the REC button of the Retell MusicTel-60, simultaneously. The recorded music will be heard through the speaker of the Retell MusicTel-60.
5. To stop the recording, press the REC button again.
6. Test the recording by pressing the TEST button on the Retell MusicTel-60.
7. Disconnect the Recording cable from the music source device and the Retell MusicTel-60.

Physical Installation

Install the Retell MusicTel-60 according to the following steps:

Use a drill and the wall plugs to place the two screws, and mount the Retell MusicTel-60 close to the PBX.

1. Connect the Audio cable to the Retell MusicTel-60 and to the PBX (MoH - Music on- Hold) socket or defined extension, as described in Figure 3-2 below. If you do not have a RJ45 connection on your PBX please contact Retell for an alternative connection

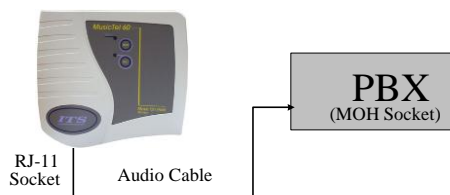


Figure 5. Connecting the Audio Cable

MoH Playback Level

MoH (Music on-Hold) playback level should be tested to ensure it is recorded at adequate levels.

To test MoH volume levels:

1. Call the PBX from an external line.
2. Put the call on 'Hold'. The MoH should now be heard.
 - 1) Adjust the MoH audio levels by adjusting the volume level potentiometer, located on the connection panel of the Retell MusicTel-60 (see Figure 3).
3. End the call.

SPECIFICATIONS

Recording Cable

RJ-11 pins 1,2 – Audio In.

Connected to the P.L. plug, which connects to the music source device (CD player etc).

RJ-11 pin 5,6 – Short-Circuited.

The short-circuit is applied at the P.L. end of the recording cable (see Figure 4-1).

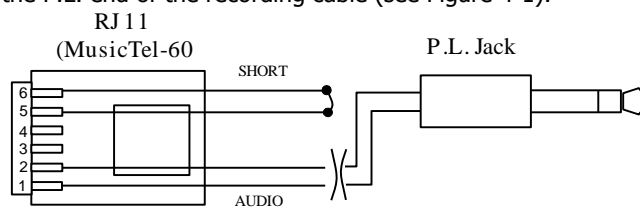


Figure 6. Recording Cable

Audio Cable

RJ-11 (Retell MusicTel-60) pin 3,4 – Audio Out.

The audio cable is connected to the Retell MusicTel-60 and to the PBX (MoH socket or defined connection).

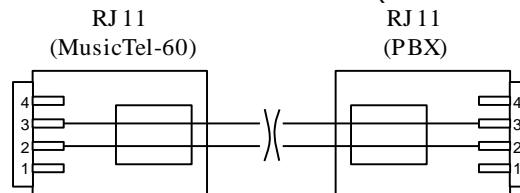


Figure 7. Audio Cable

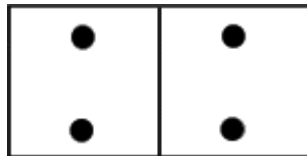
Jumper Configuration

By default, the Retell MusicTel-60 Output Impedance is configured to 600Ω. Some PBX types require the Retell MusicTel-60 Output Impedance to be configured to 8Ω (please refer to your PBX Specifications). To configure the Retell MusicTel-60 Output Impedance:

1. Disconnect the Retell MusicTel-60 from the mains.
2. Remove the four screws on the back panel of the Retell MusicTel-60. Carefully remove the cover.
3. Close the Jumpers JP1 and JP2 (see Fig. 4-3).
4. The Output Impedance is now configured to 8Ω.
5. Carefully replace the unit's cover.
6. Insert the four screws.

600 Ohm Jumper setting (Default)

JP1 JP2



8 Ohm Jumper setting

JP1 JP2

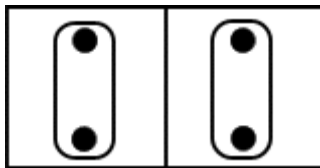


Figure 8. Jumper Settings

Technical Specifications

Recording Time	60 or 240 seconds.
DC Power Source (included)	Input: 110/220VAC, 50/60Hz. Output: 9VDC / 800mA.
Output Impedance	600Ω 8Ω
Dimensions	6"x 5.7"x 1.18" (HxWxD) 15.25cm x 14.5cm x 3cm (HxWxD)
Weight	1.4lb., 675gr. (boxed).

GUARANTEE

Retell undertakes to repair or replace (at Retell's option) the equipment supplied that develops a fault within 1 year of the date of purchase subject to the following conditions:

1. The equipment has not been subject to misuse, liquid damage, accidental breakage, neglect or any other use other than for the purposes of recording conversations or memo's
2. The equipment has not been tampered with or adjusted internally by anyone other than Retell or their appointed agents.

If a defect occurs the equipment should be returned to your supplier in the first instance. Alternatively you can return it pre-paid to Retell in protective packaging containing a full explanation of the fault and proof of purchase. Retell does not accept liability for damage in transit and we strongly suggest using Recorded Delivery to prove receipt.

This guarantee does not affect your statutory rights.

Retell's full terms and conditions are available upon request or by visiting www.retellrecorders.co.uk/downloadfiles/termsandconditions.doc

LIABILITY

RETELL EXPRESSLY EXCLUDES TO THE EXTENT PERMITTED BY LAW LIABILITY FOR ANY CONSEQUENTIAL LOSS, DAMAGE OR INJURY ARISING FROM OR IN CONNECTION WITH ANY RETELL PRODUCT. NO LIABILITY CAN BE ACCEPTED FOR ANY LOSS OF DATA OR RECORDINGS OR FAILURE TO RECORD OR CONSEQUENCES OF SUCH LOSS.

ABOUT RETELL

Retell supplies a range of business improvement products including:

Call Recording
Call Management
Fax Servers
Voice Servers
Business Answering Machines
Business meeting Recorders
Handsets and Headsets
Music on hold systems
USB phones

BESPOKE MUSIC & ANNOUNCEMENTS

Contact Retell for a range of bespoke music or message announcements for your Music Tel 60



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