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TMS-MA Telecor Media Source Instruction Manual

Contents

TMS-MA Telecor Media Source

Product Information

The TMS-MA Telecor Media Source Model A is an audio device manufactured by Telecor Inc. It is intended for use in residential areas and complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment without restriction. The device has been tested to comply with FCC RF (Part 15, Subpart C) and RF (RSS-247 Issue2 February 2017) IC rules. It comes with a limited warranty policy that covers bench repairs only

for a period of one year from the date of delivery.

Authorized Repair Station

All participating distributors and dealers are authorized to accept Telecor products for return to the manufacturer for repair or replacement. Customers may also return goods directly to Telecor Inc. provided that return authorization has been obtained. U.S. customers must not return products to Canada.

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Warning

Changes or modifications not expressly approved by Telecor could void the user's authority to operate the equipment.

Radiation Exposure Statement

The distance between users and the product should be no less than 20cm.

Product Usage Instructions

The TMS-MA Telecor Media Source Model A is intended for use in residential areas. To use the device, follow these steps:

1. Connect the device to a power source using the supplied power cord.
2. Connect an audio source to the device using an appropriate cable.
3. Turn on the device using the power button.
4. Adjust the volume using the volume control knob.
5. Enjoy your audio through the connected speakers or headphones.

If you experience any issues with the device, contact an authorized repair station for assistance. Do not attempt to make any changes or modifications to the device as it could void the warranty and your authority to operate the equipment.

LIMITED WARRANTY POLICY

Telecor Inc. warrants all products bearing the Telecor name to be free from defects in material and workmanship under normal use and service for a period of one year from the date of delivery. Telecor will repair or replace (at our option), free of charge, any unit that is found to be defective and returned to us under warranty. Telecor warrants all other products made by others and distributed by us, to be covered by the manufacturers' warranty period. This warranty shall not apply to any Telecor products that have been subject to misuse, neglect, accident, modification, water, fire, lightning, paint, or used in violation of instructions furnished, repaired, or altered outside of the factory. This warranty does not cover batteries, bulbs, fuses, or damage caused by batteries used in connection with the product. Telecor reserves the right to make the final decision on whether there is a defect in materials or workmanship, and whether or not the product returned is within the warranty period. This warranty covers bench repairs only. Telecor will not be responsible for any costs incurred involving on-site service calls. Repair or replacement by others, fire, transportation, labor charges, indemnity, etc., are not covered by this warranty and no responsibility for same will be assumed by us. Our liability does not extend to consequential damage.

AUTHORIZED REPAIR STATION:

All participating Distributors and Dealers are authorized to accept Telecor products for return to us for repair or replacement, or customers may return goods to us directly, providing that return authorization has been obtained. **U. S. customers are required to ship any returns or repairs to:**

- Telecor Inc.
- 2434 Jerauld Avenue * U. S. customers must not
- Niagara Falls, New York returns products to Canada
- USA, 14305

Canadian and all International customers are required to ship any returns or repairs to:

- Telecor Inc.
- 6205 Kestrel Road
- Mississauga, Ontario
- Canada, L5T 2A1
- For details on Telecor's Return Policy, see our Published Merchandise Return Policy.
- E:\G-69\G-M69-B\G-M69-B_TMS-MA_Installation_Manual.docx/TH

FCC NOTICE

- **PRODUCT NAME:** Telecor Media Source Model A
- **FCC ID:** 2A9XY-TMSMA
- **FCC RULES:** THIS PRODUCT HAS BEEN TESTED TO COMPLY WITH FCC RF (PART 15, SUBPART C)

The Telecor Media Source Model A complies with Industry Canada ICES-003: CAN ICES-003 (B)/NMB-003(B). **Warning:**
This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development (ISED) Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

- The device has been evaluated to meet general RF exposure requirements.
- The distance between the user and the products should be no less than 20cm.
- The Party Responsible for Product Compliance:
- Telecor Inc.
- 6205 Kestrel Road
- Mississauga, Ontario
- Canada, L5T 2A1

Introduction

TMS-MA Telecor Media Source Model A

The TMS-MA Telecor Media Source Model A is an all-in-one audio source device that accommodates multiple different kinds of audio sources into one single device. The front side provides an AUX IN port, a USB slot, and a SD/MMC memory card slot. This makes it possible to play MP3 files from USB drives and SD/MMC memory cards. The TMS-MA is also capable of receiving FM radio and connecting to Bluetooth audio devices. The rear side of the device provides a stereo output and a jack for an FM antenna (provided by customer) for improved FM reception. The TMS-MA is designed to be installed in a 19" equipment rack. If the TMS-MA is purchased with an equipment rack, all required cables and mounting hardware for the TMS-MA will be pre-installed in the rack. Once you have unpacked and inspected your TMS-MA, your next step is to install the unit in a standard 19" equipment rack and then connect the power, audio cable harness, and optional (provided by customer) antenna.

Unpacking
The following equipment is included with your TMS-MA:

- Telecor Media Source Model A (TMS-MA)
- Cable harness for connecting TMS-MA to T2/XL (CHAP-TMS-MA)1
- 2A DC 5V Power Adapter

When you receive your TMS-MA you should unpack it carefully to verify that you have received all the parts. If you are missing any parts notify Telecor immediately. Also inspect for any damage which could have occurred during shipping. If you discover any damaged items, contact the shipping company immediately.
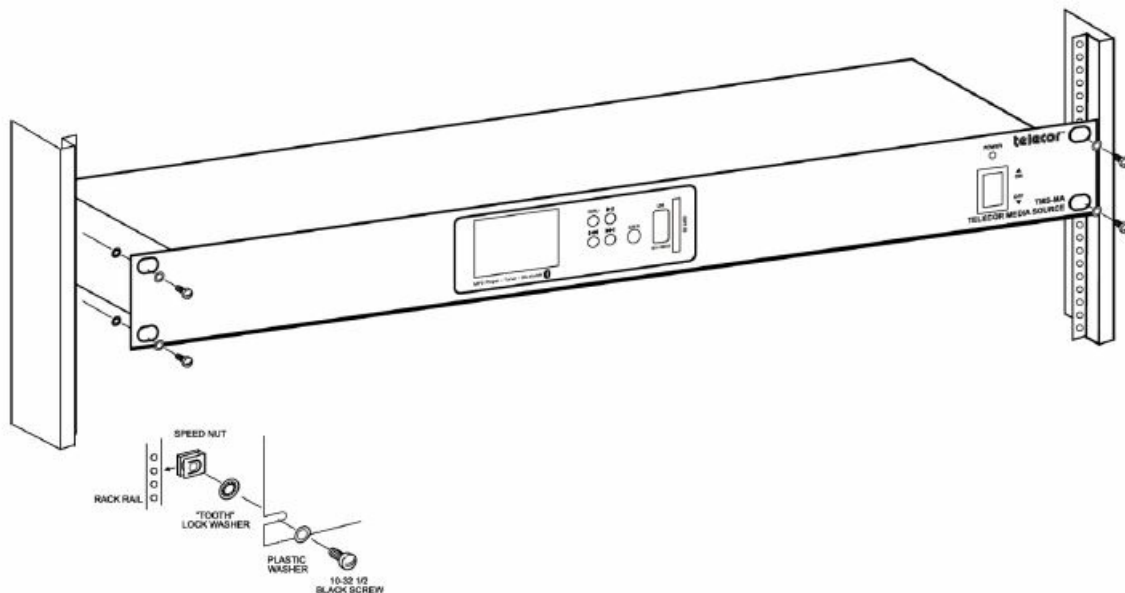
Installing TMS-MA in Equipment Rack
The TMS-MA installs into a standard 19" equipment rack. Materials Required TMS-MA

- 4 10-32 ½" black screws (Part number: MS-1032)1 (purchased separately)
- 4 "tooth" lock washers (included with MS-1032 screws)
- 4 plastic washers (Part number: MW-10BK)1 (purchased separately)
- 4-speed nuts (Part number: MN-1032)1 (purchased separately)
- The TM-MA must be installed in a location with an operating temperature range of 10 to 40ºC (50 to 104ºF), 0-90% relatively humidity, and non-condensing.

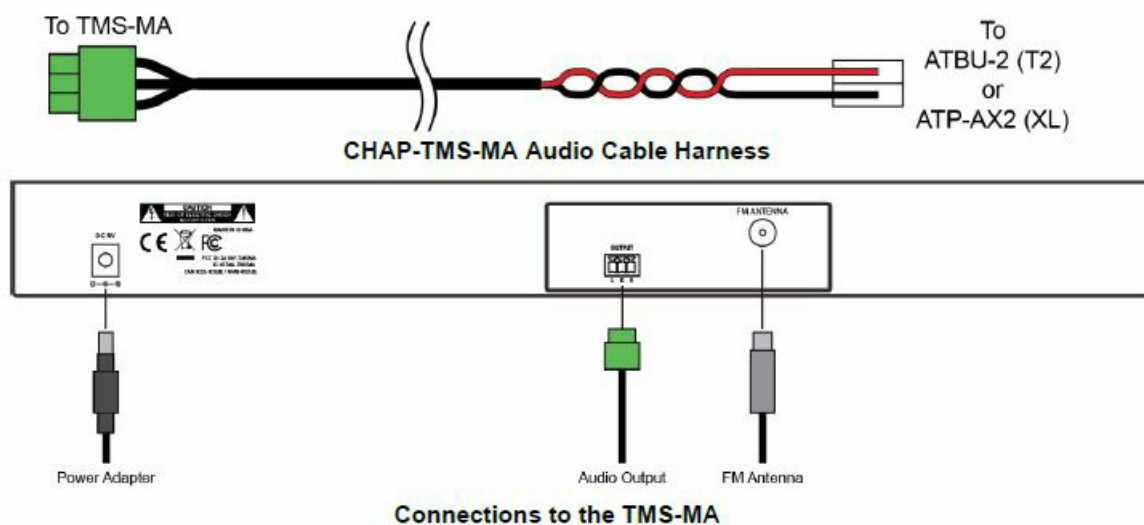**To install the TMS-MA into the equipment rack, complete the following steps:**

- 1. Mount the TMS-MA in a 19″ equipment rack.
- 2.Ensure that the equipment rack is properly grounded. Use "tooth" lock washers between the TMS-MA and the mounting rails of the equipment rack. The washers ensure that achassis ground is maintained. Use the four plastic washers to protect the finish of thefront panel.
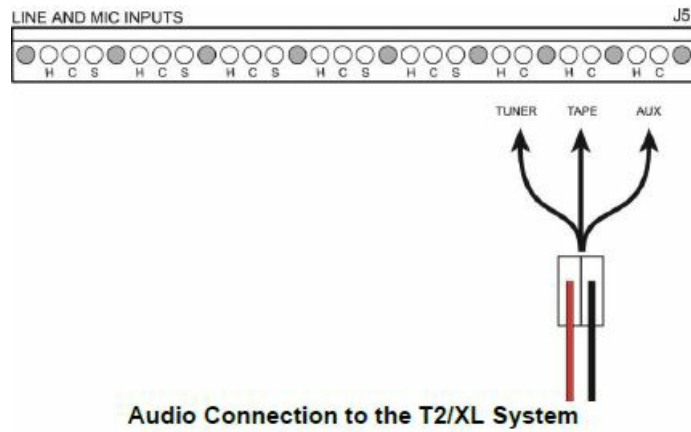
Installing TMS-MA into the Equipment Rack

Connecting the TMS-MA Cables

Once you have mounted the TMS-MA unit into the rack, you can then connect the power, audio cable harness, and optional (provided by customer) antenna. The CHAP-TMS-MA audio cable harness connects the TMS-MA to the Telecor II's ATBU-2 or Telecor XL's ATP-AX2. It has a 3-pin insulation displacement connector (IDC) at the TMS-MA end and a 2-pin IDC at the T2/XL end.

CHAP-TMS-MA Audio Cable Harness
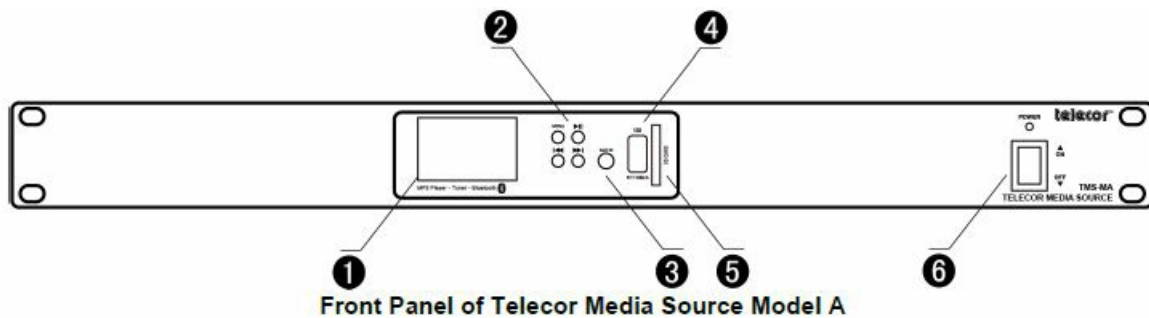

Connections to the TMS-MA

1. Connect the power adapter cord to the TMS-MA and plug it into the mains.
2. **Optional:** plug an FM antenna into the 75Ω antenna port and run the antenna wire alongthe outside of the rack.
3. On the rear of the TMS-MA, plug the 3-pin IDC of the CHAP-TMS-MA cable harnessinto the audio output port as in the above diagram.
4. Plug the 2-pin IDC end of the CHAP-TMS-MA audio cable harness into the TUNER,TAPE or AUX input of the T2/XL's Audio Input board (ATP-AX2 on an XL System orATBU-2 on a T2 system).

Audio Connection to the T2/XL System

Overview

Front Panel

Front Panel of Telecor Media Source Model A
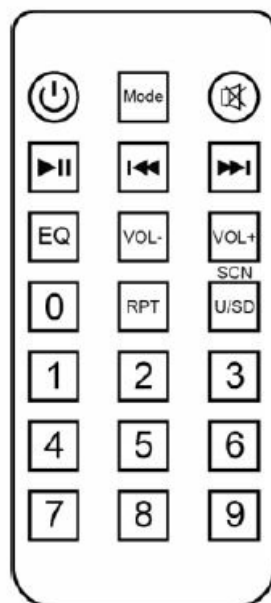
1. LCD Display: Provides information about the current operation, e.g., the current audio track radio station.

2. Operational Buttons: Menu, Play/Pause, Left (), and Right ().

3. AUX IN Port: Used to connect an auxiliary input audio device.

4. USB Connection Port: Used to connect a USB drive.

5. SD/MMC Card Slot: Used to insert an SD/MMC card.

6. Power Switch: Supplies power to the TMS-MA. The Power LED illuminates when power is supplied.

Remote

The TMS-MA includes a remote which can be used to access its functions.

Remote for Telecor Media Source Model A

- Powers the TMS-MA on/off.
- Toggles through operational modes/menus.
- Mutes/unmutes audio.
- Play/pause audio. Context-sensitive confirmation.
- Context-sensitive navigate left.
- Context-sensitive navigate right.
- Toggles equalizer mode in certain audio modes.
- Decrease volume.
- Increase volume.
- Toggles repeat mode.

- Toggle audio source between USB drive and SD/MMC card.
- Context-sensitive numerical inputs.
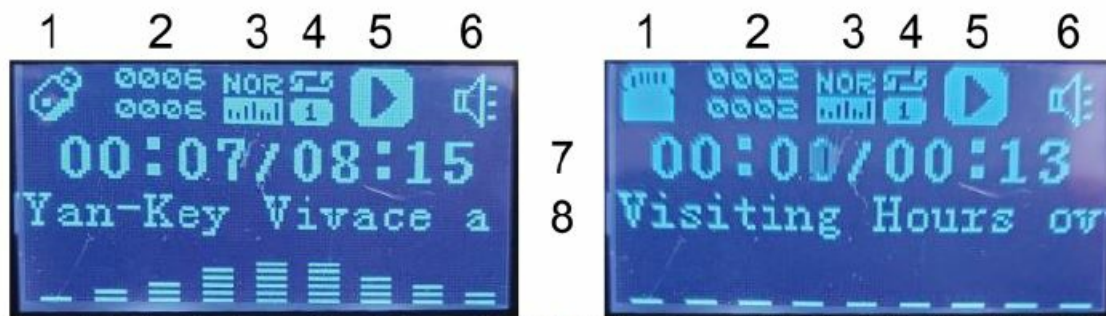
Operations

Powering On the TMS-MA

1. Press the power switch on the front of the TMS-MA to ensure power is supplied. The Power LED will illuminate when power is supplied.
2. Press and hold MENU on the front of the TMS-MA or the POWER button on the remote until the LCD display lights up.

Playing USB Drive/SD/MMC Card Audio
To play audio from a USB drive/SD/MMC card:

1. Insert the USB drive into the USB slot or the SD/MMC card into the SD/MMC card slot on the front of the TMS-MA. Once detected, the MP3 files should automatically begin playing.
2. If the audio files on the USB drive/SD/MMC card are not automatically detected and played, press and hold MENU on the front of the TMS-MA or Mode on the remote until the main menu appears.
3. Press MENU on the front of the TMS-MA or Mode on the remote until "Music" is selected.
4. Press Play/Pause on the front of the TMS-MA or the remote.
5. When the TMS-MA is set to play audio from a USB drive/SD/MMC card, the LCD display on the front of the TMS-MA will display the following:

Playing USB Drive (Left) or SD/MMC Card (Right) Audio Display

The components of the LCD display when playing USB drive or SD/MMC card audio are as follows:

1. USB drive or SD/MMC card audio source indicator
2. Current track number (top) and total number of tracks (bottom)
3. Equalizer mode
4. Repeat mode
5. Play/pause state
6. Mute/unmute state
7. Current track location and current track duration
8. Audio file name

To switch between a connected USB drive and an inserted SD/MMC card being the audio source:

1. Press U/SD on the remote.
2. To play or pause audio:
3. Press Play/Pause on the front of the TMS-MA or the remote.
4. To mute the audio:
5. Press Mute on the remote.
6. To select a different audio file:
7. Press Left or Right on the front of the TMS-MA or the remote.

To select a different audio file:

1. Press Left or Right on the front of the TMS-MA or the remote.
    - **Note:** The audio files will be listed in alphabetical order according to their file names.
3. 2. Alternatively, enter the number of the audio file followed by Play/Pause on the remote to select that audio file, e.g., press 5 and the Play/Pause to play the fifth audio file.

To rewind or fast forward through an audio file:

1. 1. Press and hold Left or Right on the front of the TMS-MA or the remote. Release when the desired position in the audio file has been reached.
2. To adjust the volume:
3. 1. Press Vol- or Vol+ on the remote.

To rewind or fast forward through an audio file:

1. Press and hold Left or Right on the front of the TMS-MA or the remote. Release when the desired position in the audio file has been reached.

To adjust the volume:

1. Press Vol- or Vol+ on the remote.

To change repeat mode:

1. Press RPT on the remote. The available repeat modes are: 1 (repeat current audio file, R (randomized), A (all audio files), and D (only audio files in the current folder).

To change equalizer mode:

1. Press EQ on the remote. The available equalizer modes are: Nor (Normal), Pop, Rock, Jazz, Clas (Classical), Soft, and DBB (Dynamic Bass Boost).

D.1.3 Playing Bluetooth Audio
To play audio from a Bluetooth device:

1. Press and hold MENU on the front of the TMS-MA or Mode on the remote until the main menu appears.
2. Press MENU on the front of the TMS-MA or Mode on the remote until "Bluetooth" is selected.
3. Press Play/Pause on the front of the TMS-MA or the remote.

Selecting Bluetooth

4. On your Bluetooth device, search for other Bluetooth devices. Select MPLAYER C when it is detected. When the TMS-MA is set to play audio from a Bluetooth, the LCD display on the front of the TMS-MA will display the following:

Bluetooth Device Not Connected (Left) or Connected (Right) Display

To mute the audio:

1. Press Mute on the remote.

To adjust the volume:

1. Press Vol- or Vol+ on the remote.
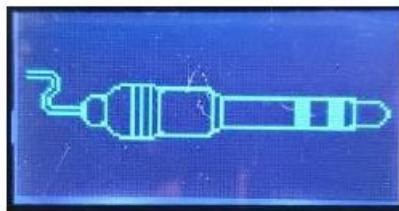
D.1.4 Playing Aux Audio
To play audio from AUX input:

1. Plug the AUX input device into the AUX IN port on the front of the TMS-MA.
2. If the AUX input device is not automatically detected and played, press and hold MENU on the front of the TMS-MA or Mode on the remote until the main menu appears.
3. Press MENU on the front of the TMS-MA or Mode on the remote until "AUX" is selected.
4. Press Play/Pause on the front of the TMS-MA or the remote.

Selecting AUX Input Audio

When the TMS-MA is set to play audio from AUX input, the LCD display on the front of the TMS-MA will display the following:

TMS-MA Playing AUX Input Audio

To play or pause audio:

1. Press Play/Pause on the front of the TMS-MA or the remote.

D.1.5 Playing Radio Audio
To play audio from radio:

1. Press and hold MENU on the front of the TMS-MA or Mode on the remote until the main menu appears.
2. Press MENU on the front of the TMS-MA or Mode on the remote until "Radio" is selected.
3. Press Play/Pause on the front of the TMS-MA or the remote.

Selecting AUX Input Audio

When the TMS-MA is set to play audio from radio, the LCD display on the front of the TMS-MA will display the following:

TMS-MA Playing Radio Audio

To scan for radio stations and save them to memory:

1. Press and hold Play/Pause. When the TMS-MA is scanning for radio stations, it will show a progress bar on the LCD display. Once finished, the detected radio stations will be saved to memory for easier navigation.

To change the radio station:

1. Press Left or Right on the front of the TMS-MA or the remote to go to the next radio station.

Note: If a radio station scan was not performed and no radio stations have been saved to memory, pressing Left or Right will change the selected radio frequency in 0.1Mhz increments. Left or Right can also be pressed and held to navigate through the frequency range.

To play or pause audio:

1. Press Play/Pause on the front of the TMS-MA or the remote.

To mute the audio:

1. Press Mute on the remote.

Appendix 1. Specifications

Inputs:

- USB drive
- SD/MMC memory card
- FM tuner
- AUX input
- Bluetooth
- **Outputs:** 1 x fixed audio output

- **Frequency range:** FM 87.5 ~108.0 Mhz
- **Channel step**: FM 50 kHz
- **Intermediate frequency:** FM 10.7 MHz
- **Sensitivity:** FM 2 µV at 30 dB S/N
- **Signal-to-noise ratio:** FM >60 dB
- **Output level:** 0 dB/600 ohm
- **Bluetooth version:** 4.2
- **Power supply**: DC+5V, 2A
- **Dimensions (W x H x D):** 19.0" x 1.7" x 4.3" (483 x 44 x 110 mm)
- **Color:** Black
- **Net Weight:** 3.8 lbs (1.76 kg)
- **Operating temperature range:** 10-40ºC (50-104ºF), 0-90% relative humidity, non-condensing

TMS-MA Telecor Media Source Model A Installation Manual

- **Telecor Inc.** 6205 Kestrel Road
- Mississauga, Ontario
- Canada; L5T 2A1
- **Tel:** (905) 564-0801
- **Fax:** (905) 564-0806
- **www.telecor.com**.
- Intended for use with TMS-MA Telecor Media Source
- Model A
- April 2023
- Rev. 0.0 PRELIMINARY

Documents / Resources

telecor inc. PRELIMINARY TMS-MA Telecor Media Source Model A Installation Manual	**telecor TMS-MA Telecor Media Source** [pdf] Instruction Manual 2A9XY-TMSMA, 2A9XYTMSMA, TMS-MA, TMS-MA Telecor Media Source, Telecor Media Source, Media Source, Source

References

- **t** **Telecor - School Intercom, Public Address, Synchronized Clocks and Emergency Communications | Telecor | Security Communication Solutions**
- **t** **Telecor - School Intercom, Public Address, Synchronized Clocks and Emergency Communications | Telecor | Security Communication Solutions**