



## M-100 Mini Component System

# Service information

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Congratulations with Your purchase !

To get the most out of your new product we recommend that you follow our guidance below. We recommend that you read the manual thoroughly to get the most out of your purchase.

We have done our outmost to make sure that the product live up to your expectations. Should you still need help with installation etc. we suggest that you visit our home page .

[www.eltax.com](http://www.eltax.com)

On our home page under support you'll find >FAQ< Frequently Asked Question, where you'll find answers to most questions.

On our home page you can also download the manual in other languages.

Remember to keep the original receipt of your purchase, in case of need for service during the warranty period. If you, contrary to expectations, should need service for your new product, you shall hand in the product to the dealer from whom you have purchased it.

Remember to keep the original packaging if the product shall be handed in for service.

The product is to be returned in original and otherwise secure packaging, to avoid damaging the product during transportation.

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# Important safety notices

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**WARNING: IT IS IMPORTANT THAT YOU STUDY AND OBSERVE BOTH THE INSTRUCTIONS IN THIS MANUAL AND THE INSTRUCTIONS ON THE DEVICE. KEEP THIS MANUAL FOR FUTURE USE.**

This device was developed and made with a view to providing maximum safety for the user. Incorrect use of the device may cause electric shock or fire. The protection built into this device will protect the user if the procedure below is observed in connection with installation, use and repair. This device is fully electronic and contains no parts which can be repaired by the user.

**THE HOUSING MUST NOT BE REMOVED. RISK OF DANGEROUS VOLTAGE. ONLY SKILLED TECHNICIANS ARE ALLOWED TO REPAIR THE DEVICE.**

## **Read the manual**

On unpacking the device, please read the manual carefully and observe all instructions given.

## **Power Supply**

Only the power supply indicated on the rating plate must be used for this device. If you are not sure which power supply you have, please contact the distributor or the local electricity supplier.

## **Earthing or polarization**

If the plug cannot be inserted properly into the socket, or if the plug does not fit, the device must not be used in your country.

## **Ventilation**

The housing is provided with slots and openings to ensure ventilation and reliable operation and protect the device against overheating. Do not block or cover these openings. The openings must never be blocked, for example by placing the device on a bed, a sofa, a carpet or similar surface.

## **Heat**

Do not place the device near sources of heating such as radiator, register, stove or other heat-producing devices (including amplifiers).

## **Water and moisture**

The device must not be placed close to water, such as bath tub, wash basin, kitchen sink or wash tub, in a damp cellar or close to a swimming pool, etc.

## **Cleaning**

Unplug the device before cleaning. Do not use liquid detergents and aerosol cleaning agents. Use a dry cloth.

## **Power cords**

Wiring must be organised to prevent people from stepping on the cables and to avoid pinching by objects placed on or beside them. Take special care around sockets and plug boxes and where the cable leaves the device.

## **Overloading**

Make sure that sockets, extension flexes and plug boxes are not overloaded as this may lead to fire or electric shock.

# Important safety notices

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## **Lightning**

Unplug the device for additional protection during thunder or when the device is not used for prolonged periods. This will prevent damage to the device from lightning and surges.

## **Penetration of objects and liquid**

Never push any objects through the openings into the device, as they may touch dangerous voltage points or short circuit parts and cause fire or electric shock. Do not spill liquid on the DVD player.

## **Accessories**

The device must not be placed on unstable surfaces such as a trolley, stand, tripod, shelf or table. The device may fall and injure children or adults or be damaged. Use only trolley, stand, tripod, shelf or table which are very stable or provided with the device. The Device must be installed in accordance with the manufacturer's instructions and by means of installation equipment recommended by the manufacturer. If the device is placed on a trolley, the trolley must be moved carefully. Sudden stops, unnecessary force and uneven surfaces may cause the trolley to turn over.

## **Disc drive**

Keep your hands off the drive when it closes to avoid trapping your fingers.

## **Loads**

Do not place heavy loads on the DVD player, and do not step on it. The load may fall and cause serious injury or damage to the device.

## **Discs**

Do not use scratched, deformed or repaired discs. Such discs will break easily and may cause serious injury and damage to the device.

## **Damage**

Unplug the device and contact skilled technicians in the following cases:

- A) If power cord or plug is damaged.
- B) If liquid has been spilled on the device or objects have fallen into the device.
- C) If the device has been exposed to rain or water.
- D) If the device does not work properly after adhering to the instructions in the user manual. Make only the setups mentioned in the manual, as incorrect setup may cause damage and will often make it difficult for a skilled technician to make the device work properly again.
- E) If the device has been dropped or damaged in any other way.
- F) When the operation of the device changes drastically, the device requires service.

## **Service**

Do not attempt to carry out any service work yourself. By opening or removing the housing, you will be exposed to dangerous voltage, etc. Any service work should be carried out by skilled technicians.

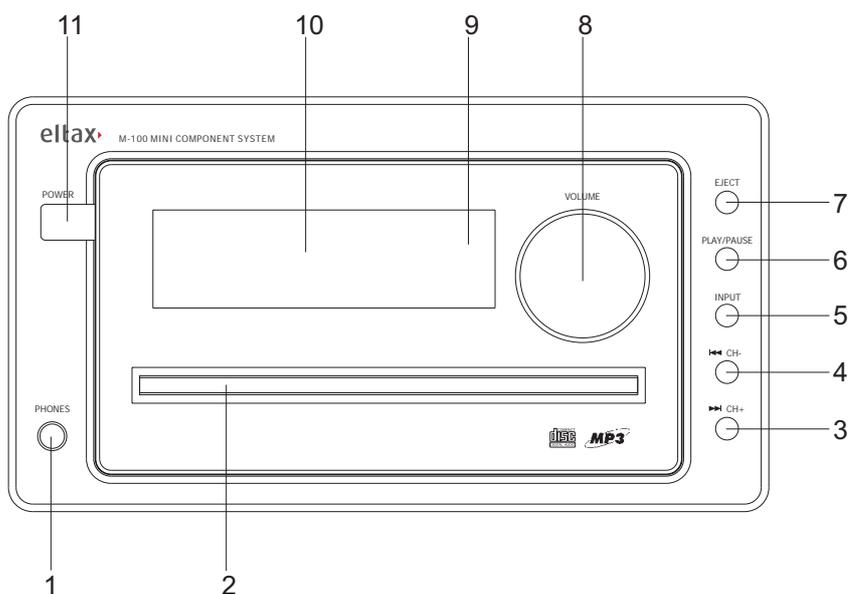
## **Spare parts**

If spare parts are required, make sure that the technician uses spare parts specified by the manufacturer or with the same characteristics as the original component. Unauthorised spare parts may cause fire, electric shock, etc.

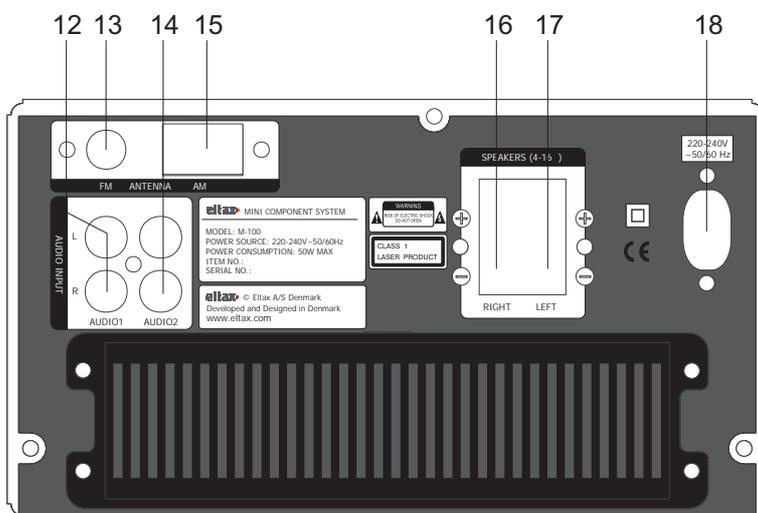
## **Safety check**

After service or repairs on the DVD player, ask the service technician to carry out a safety check to ensure that the device is ready for use.

# Front- and rear-panel

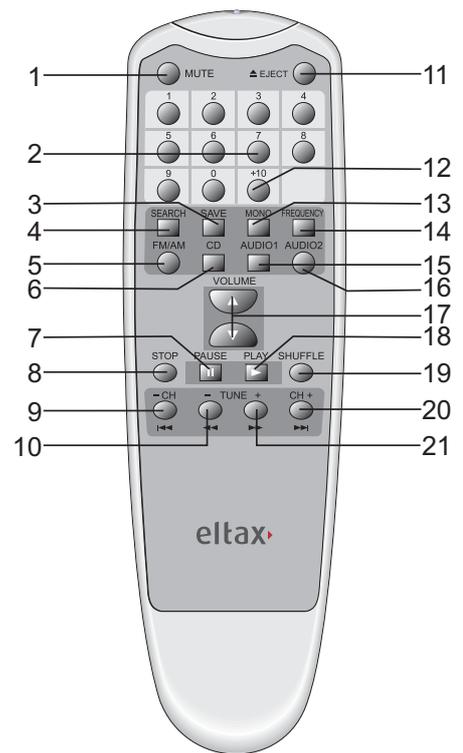


- |                         |                         |
|-------------------------|-------------------------|
| 1 Headphone output      | 10 VFD display          |
| 2 Disc loader           | 11 Power button         |
| 3 CH+ / Next            | 12 Audio 1 input        |
| 4 CH- / Previous        | 13 FM antenna input     |
| 5 Input selector        | 14 Audio 2 input        |
| 6 Play / Pause          | 15 AM antenna input     |
| 7 Eject                 | 16 Right speaker output |
| 8 Volume button         | 17 Left speaker output  |
| 9 Remote control sensor | 18 AC power input       |



# Remote control

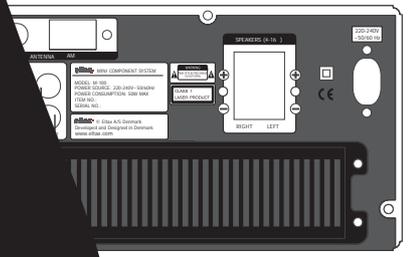
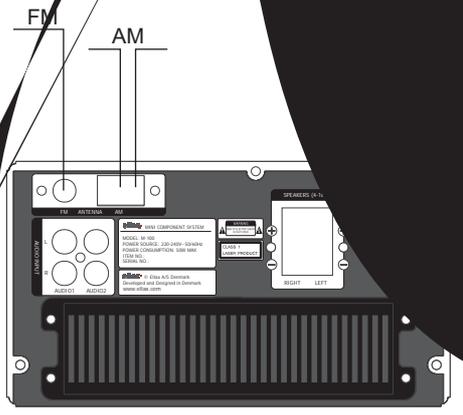
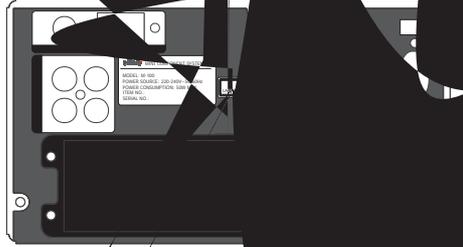
- 1 Mute
- 2 0-9 digits
- 3 Save
- 4 Search
- 5 FM / AM
- 6 CD
- 7 Pause
- 8 Stop
- 9 CH- / Previous
- 10 Tune- / Fast reverse
- 11 Eject
- 12 +10
- 13 Mono
- 14 Frequency
- 15 Audio 1
- 16 Audio 2
- 17 Volume increase / decrease
- 18 Play
- 19 Shuffle
- 20 CH+ / Next
- 21 Tune+ / Fast forward



# Disc

Note:

- Please connect the antenna cable to the antenna terminal after the connections have been made.
- Please connect the antenna cable to the antenna terminal after the connections have been made.
- Before each connection, please disconnect the power supply!
- Please do not press the antenna button frequently. The main antenna is extended of for minimum 3 seconds before the antenna is retracted.



# Basic operation

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## Preparation

- Before turning the M-100 mini component system on, check that all connections are correct and reliable. Plug the AC powercord into a corresponding AC outlet.
- Press POWER on the front panel.

## Volume adjustment

Press the VOLUME ▲ and ▼ buttons on the remote or turn the volume button on the front panel to turn the volume up and down.

**Note:** Do not keep the volume at maximum level for longer periods to ensure the longevity of the unit.



## Mute

Press the MUTE-button on the remote once, and the sound will be muted.

Press the MUTE-button once again to restore the sound at the last used level.



## Input selection

Press the INPUT-button on the front panel or AUDIO 1 or AUDIO 2-buttons on the remote to select the AUDIO 1 or AUDIO 2 inputs.

Press the FM/AM-button on the remote to select TUNER. Press the FM/AM-button once again to change between the FM and AM band.

Press the PLAY/PAUSE-button on the remote or the PLAY/PAUSE-button on the remote to select cd mode. The unit will start playing if there is a disc inserted.



## Eject

Press the EJECT-key on the remote or the EJECT-button on the front panel to open the disc tray, and put the preferred disc in the disc tray. Press EJECT once again to close the tray. The disc will automatically start playing.

**Note:** The printed side of the disc must be facing up!



## Play/Pause

To start playing a disc, press the PLAY-button on the remote, or the PLAY/PAUSE-button on the front panel once.

To stop a disc from playing temporarily, press the PAUSE-button on the remote or the PLAY/PAUSE-button on the front panel. To start playing again after pause, press the PLAY-button on the remote, or the PLAY/PAUSE-button on the front panel.

# Basic operation

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## Fast forward and fast reverse

During playback press the TUNE- / << (fast reverse)- or the TUNE+ / >> (fast forward)-button for fast forward or reverse playback. Each time the “TUNE- / <<” or “TUNE+ / >>” button is pressed, the speed increase. The will continue happening until the “TUNE- / <<” or “TUNE+ / >>”-button is pressed 5 times in a row, and the playback speed will return to normal.

It is also possible to return to normal playback speed by pressing the PLAY-button on the remote or the PLAY/PAUSE-button on the front panel.



## Song selection

Press the “CH+ / >>|”-button on the remote or the frontpanel to step to the next track on the disc. The previous track will stop playing.

Press the “CH- / |<<”-button on the remote or the frontpanel to step to the previous track on the disc.



## Selecting track with the 0-9 digits

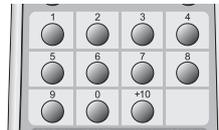
When playing a disc. Press the 0-9 digits on the remote to select a track on the disc between track 1 and 9.

If you wish to play a track between number 10 and 19, press the +10-button on the remote once and then the preferred 0-9 digit.

If you wish to play a track between number 20 and 29, press the +10-button on the remote twice and then the preferred 0-9 digit.

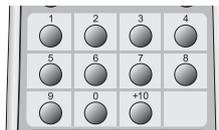
If you wish to play a track between number 30 and 39, press the +10-button on the remote three times and then the preferred 0-9 digit.

Etc.



## Mp3 playback

When playing Mp3 tracks, press the 0-9 digits and the +10 button on the remote to play the preferred tracks. It is also possible to select tracks with the CH+ / >>| or the CH- / |<< on the remote or the front panel.



## Random playback

During CD or Mp3 playback press the SHUFFLE-button on the remote to play the tracks randomly.

Press the SHUFFLE-button once again the return to normal playback.





# Troubleshooting

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Please check the schematic below before requesting service.

On our home page [www.eltax.com](http://www.eltax.com) under support you'll find >FAQ< Frequently Asked Question, where you'll find answers to most questions.

<b>Common symptom</b>	<b>Possible cause</b>	<b>Remedy</b>
No function	Mains power is not connected Power is OFF	Connect to mains power outlet Turn the power ON.
No playback	No disc is inserted Disc is upside down.  Dirty disc Deformed/scratched disc Condensation in unit	Insert a disc. Reload disc. The label side should face upward. Clean disc surface. Replace disc. Turn power on for 1-2 hours before using the unit.
Sound in one or more channel(s) is missing	Poor or missing cable connection	Check connections
The remote doesn't work	The batteries are weak or dead The batteries are not installed properly  The remote is not aimed at the sensor Something is blocking the path between the remote and the Sensor	Change the batteries Install the batteries according to the marks in the battery compartment Aim the remote at the sensor  Clear the path between the remote and the sensor.

# Technical specifications

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## CD player

Compatible Discs

CD, Mp3

## Connections

Connections

2 x stereo RCA inputs  
FM and AM antenna input

## Amplifier

Audio signal noise ratio:

≡ 70dB A weight

Frequency response:

20Hz-20KHz +/- 3dB

Audio output power:

2 x 20W Music power

## FM Tuner

Tuning Range

87.5-108MHz

S/N Ratio

>46dB

Monophonic

>46dB

Stereo

>50dB (DIN)

Selectance

50dB

THD

Monophonic

2%

Stereo

3%

Frequency Response

30Hz-10kHz +/- 1dB

Stereo Resolution

35dB (1kHz)

30dB (100Hz-10kHz)

## AM Tuner

Tuning Range

522-1620KHz

S/N Ratio

35dB

THD

3%

## Remote Control

Transmitter

Infrared Ray

Signal Range

Approximately 15'

Power Source

2 "AAA" Batteries

## General

Power Supply

AC 220-240V/50~60Hz

Consumed Power

50W

## Own notes

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## Own notes

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For further information please visit our website:

[www.eltax.com](http://www.eltax.com)

Item no. 40131