



# MICROMEGA

## OPERATING MANUAL

CD-10 – CD-20 – CD-30



\* non contractual pictures

**Dear Customer,**

Thank you for purchasing one of the 3 Micromega CD players: CD-10, CD-20, CD-30. These players are mainly different by their audio characteristics. This manual is then common for the 3 models.

This unit provides ease of use and sonics of the highest quality. Please pay close attention to this instruction manual, and read it fully before attempting to operate. It is designed to ensure you maximise your pleasure of CD player and familiarise you with its many unique functions.

**CHECKING**

Check that the carton has no damage. Should you have any doubt about its condition, please do not hesitate to contact your dealer.

**UNPACKING**

Very carefully remove the unit from the box, taking care to preserve all the packing material. It is good practice to put the carton and its contents into an outer plastic bag and deposit it somewhere safe and dry. In the unlikely event that your unit needs to be sent back to either your dealer or distributor, it must be sent in the original packing material. Failure to observe this will invalidate your warranty.

**ACCESSORIES**

Upon opening the carton you should find the following:

- Mains Lead.
- Micromega system remote control handset
- 4 batteries 1V5 / AAA

**MAINS VOLTAGE**

Check that the mains voltage indicated on both the carton and the bottom of the unit correspond to the local power supply.

If you are in any doubt, consult your dealer.

**INSTALLATION**

In order to obtain the maximum performance of CD player, it is important to follow the installation instructions.

Wherever possible, we recommend that the CD player is installed in an audio rack or other suitable furniture that provides sufficient ventilation.

**CONNECTIONS**

Having verified that the ON/OFF switch is on OFF position, connect the mains leads provided to the rear of the unit and to the wall socket.

Connect the interconnect cable from the rear of your player to your amplifier input. Connect the Digital out if required.

**POWER UP**

You may now turn on your CD player by switching the ON/OFF switch located at the back of the unit. A message "CD" is written for a second.



At first start-up, or when both keys **NEXT** and **PREV** are pressed simultaneously and when power is switched on, you can choose the displaying language of your player:



Press **PLAY** to select French or **MODE** to select English. There is 5 seconds to do so, if not English language is selected by default. Then a welcoming message appears.

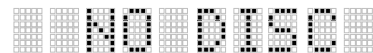


The standby LED lightens up indicating that the unit is in standby mode.

Press once the **CD** key of the remote control or the **STANDBY** key of the unit.

If there is a disc, reading starts and its content is displayed.

Otherwise it indicates:



**FRONT PANEL**

**DISC:** To stop play, to clear a program in stop. Display on/off (long pressure).

**PLAY:** To start play and to pause during play.

**PREVIOUS:** Selection of the previous track and reverse search during play. To replay the current track during play.

**NEXT:** Selection of the next track and forward search during play.

**MODE:** CD-TEXT on/off and Digital output on/off (long pressure).

**STANDBY:** To switch the unit in and out of Standby mode. A blue LED located in the middle of the panel illuminates when in Standby mode.

**DISPLAY**



The display indicates:

- On the left side track indication.
- In the middle the status of the unit
- On the right side the time in minutes and seconds.

**PLAY**

Open the tray and place a disc. When the tray is closed, the player reads the disc:



And it displays its contents:



If no disc is detected, the display indicates "NO DISC".

Press **PLAY** to begin reading the disc. The display indicates:



The display indicates on the left hand the current track, play mode and elapsed time on the right hand.

If you wish to stop playing a disc, press **DISC** on the unit or **STOP** with the remote.

**STANDBY MODE**

To put the player in standby mode, press **STANDBY** on the unit or on the remote.

If the tray is open, it will close, then the LED illuminates showing the device is in standby mode.

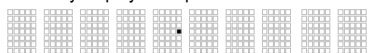
**TRAY SPEED**

You can select the speed of the tray by pressing **PLAY** and **PREVIOUS** while powering up the player. The display shows then: SPEED MED. To change press **NEXT**, **MODE** or **STANDBY**. Confirm your choice by pressing **DISC**.

## DISPLAY OFF

You can choose to minimize the display by pressing the key **Display ▼** of the remote or by a long pressure on the **DISC** key of the unit.

In that case CD PLAYER only displays one point on the screen:



When accessing another function, the display becomes full again for 5 seconds to show the state of the unit.

To come back to normal displaying mode, press **Display ▲** on the remote or do a long pressure of the **DISC** key.

## TRACK SELECTION

Selecting a track can be done by pressing directly numeric key of the remote. You may also access any track using of the **NEXT** or **PREVIOUS** keys of the device or remote control.

## PROGRAM

Programming tracks can only be done from the remote control handset.

You may program a maximum of 40 tracks of the same disc. Select the number of the track that you desire to store by using direct access keys.

Store your choice by pressing the **PROG** key. The display indicates for instance:



The first two digits indicate that one track has been programmed and the last 4 ones are the duration of the program.

Each time you select a track and store it (**PROG** key), the display will show the number of stored tracks and the total time of this selection. Select all the tracks you wish to program.

If the program is full (40 tracks already programmed), the display indicates:



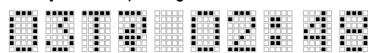
Press the **PLAY** key to start playing your selection.

When the selection has finished, press the **DISC** key of the player or the **STOP** key of the handset again to clear the selection until P disappear from the display.

## REPEAT

Press the **REPEAT** key before or during Play.

The display indicates that you are repeating the current track:



Press the **REPEAT** key again and the display indicates that you will be repeating the whole disc:



Press the **REPEAT** key to cancel the repeat mode.

## SEARCH

A long pressure on the **PREVIOUS** key will allow you to search for a passage in reverse direction whereas a long pressure on the **NEXT** key will allow you to search for a passage in the forward direction.

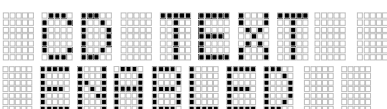
The time that you continue to press the key determines the speed of the search.

In search mode the output volume is always reduced.

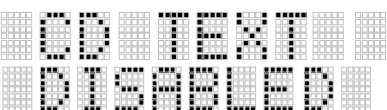
## CD-TEXT

CD-TEXT mode allows to display CD-text information as long as the disc is featured as such.

To activate CD-TEXT mode, press once on the **MODE** key. The display shows:



To come back to normal mode, press again on the **MODE** key. The display shows:

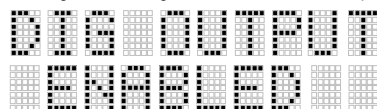


In stop mode, after reading the content of the disc, the unit will display the name of the artist and the title of the album

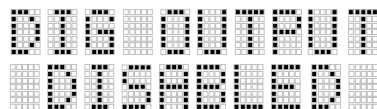
Because the display has 10 characters only, if the content is larger than this number, the display will scroll the text.

## DIGITAL OUPUT

You can activate the Digital output by executing a long pressure on the **MODE** key at any moment. This is necessary if you wish to use a separate Digital to Analog converter or if you wish to make a Digital recording. When activated, the display indicates:



If you want to disable the digital output, you can switch back to normal mode using the same procedure:



The use or not of this output is stored in memory so you don't need to set it up at each start.

## TIME INFORMATION (TIME)

Press the **TIME** key if you wish to know the remaining time of the playing track (**REM TIME**). The display indicates:



Press the **TIME** key again during Play if you wish to know the elapsed time since the beginning of the disc. (**TOTAL TIME**):



Press the **TIME** key again if you wish to know the remaining time on the disc. (**TOTAL REM TIME**):



Press the **TIME** key again if you wish to return to default (**TRACK TIME**).

## SCAN MODE (SCAN)

Press the **SCAN** key in either Stop or Play mode to start playing each track for 10 seconds.

The display indicates:



If you find a track that you wish to play completely, press the **PLAY** key.

## RANDOM MODE (RANDOM)

Press the **RANDOM** key before Play. The display indicates:



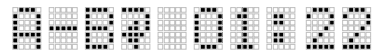
Press the **DISC** key of the unit or the **STOP** key of the handset twice to exit random mode: once to stop, once to exit random mode.

## A/B REPEAT

Press the **A-B** key while in play at the starting point of the passage that you wish to repeat. The display indicates:



Press again the **A-B** key at the final point of the passage that you wish to repeat. The display will then indicate:



You will play in loop the part from 2 seconds to 1 minute and 22 seconds.

Press the **A-B** key to cancel the A/B mode.

## RS-232 CONTRÔL INTERFACE (OPTIONAL)

An optional DB9 female connector could be installed on the rear panel of CD player allows controlling it via RS232 interface.

It accepts the following format:

Baud Rate	: 19200 Bauds
Data bits	: 8
Parity bit	: None
Stop bits	: 1
Flow control	: None

You will find complete instructions concerning this interface in the separate RS232 CD manual.

**Discs supported**..... CD, CD-R, CD-RW

**Audio characteristics**

Bandwidth ( - 0.5dB )..... DC – 20Khz  
 Linearity at -90dB..... < 0.5dB  
 Signal/Noise + THD..... < -96dB à1kHz  
 Crosstalk..... >100dB at 1kHz  
 D/A conversion type.....  $\Sigma\Delta$   
 Oversampling (CD-10, CD-20)..... none  
 Oversampling (CD-30)..... 132.3 kHz  
 Output impedance ..... 600  $\Omega$   
 Output level ..... 2Vrms / 0dB

**Power**

Power consumption (Max) CD-10..... 20 W  
 Power consumption (Max) CD-20, CD-30..... 40 W

**Dimensions** : ( L x P x H mm)..... 430 x 250 x 70

Weight CD-10..... 4.6 kg  
 CD-20, CD-30..... 5.6 kg

**WARRANTY**

This warranty will start from the date of purchase of the Micromega product.  
 Statutory warranty regulations apply in the country where the Micromega product was purchased. In case of complaints please contact the dealer who supplied your Micromega product.

**WARNING: Warranty will be nulled if the unit is not shipped back in its original packing or if the serial number has been modified or erased.**

Warranty Certificate

Dealer's Stamp

Date of Purchase \_\_\_\_\_

Serial Number \_\_\_\_\_

