



max MP3/CD Player

Your Ultimate Jukebox

Owner's Manual

Model#
MAX-300

MP3/CD Portable Player

Model Number : MAX-300

Table of Contents

1. Getting Started	2
Safety Instructions	2
Parts Instructions	3
Power Sources	6
2. Using Your Player	7
Playing MP3 & Normal CD's	7
Play Modes	8
Using the Program & Repeat Modes	9
Using Directories	10
Using Dir Program Mode	11
Using the Record Feature	11
3. Reference	12
Troubleshooting & Tips	12
Specifications & Accessories	13
Warranty Information	14

Chapter 1

Getting Started

Safety Instructions

Parts information

Power Sources

Safety Instructions

Storage:

Never use or store the player in cold, hot, humid, or dusty places.

Do not leave the cover open if the player is not being used for a long time.

Exposure to direct sunlight or extreme heat (such as inside a parked car for more than 2 hours) may cause damage or malfunction.

Usage:

Never attempt to play cracked or warped discs in the player as they may jam and damage the player.

Avoid using the headphones/earphones at a high volume.

Road Safety:

Do not use the earphones while driving, cycling, or operating a motorized vehicle.

Carrying:

Please use the soft bag that comes with the player to protect it against scratches when not in use.

Parts Instructions



1. Battery case (on the back of the player):

Holds two AA batteries

2. External 5v power socket:

For connecting the supplied AC power adapter.

3. Open button:

Press to open the disc cover.

Note: Do not open the cover while playing, or the player will be
Turned off automatically.

4. Disc cover

5. Headphone jack:

For connecting a set of headphones.

Parts Introduction

6. MIC jack:

For connecting a microphone (when using the Rec option)

7. Volume control:

Use to adjust the volume of the headphone. Does not affect the LINE OUT.

8. SOUND button:

Used to change sound settings:

Setting 1: Normal

Setting 2: Super Bass

Setting 3: Bass

Setting 4: Treble

Setting 5: Super Treble

9. Line out:

Line out for connection to an amplifier.

10. Stop button:

Press to stop playback of a track. When in **DIR** mode, press to return to the last level directory.

11. Play/Pause button:

Press to turn on power and to begin to play when the power is turned off. Press to pause while playing, and to continue playing when paused.

12. Fast forward:

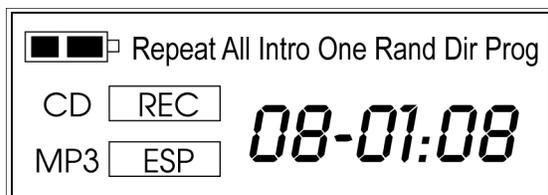
Press once to skip to the next track. Press and hold to fast forward through the current track.

13. Rewind:

Press once to return to the beginning of the track, and twice to play the previous track. Hold down to rewind the current track.

14. LCD display panel:

Used to display working status.



Parts Instruction

15. PLAY MODE button:

Sets the playback mode (refer to Chapter 2 for detailed information).

16. REP/ENT button:

Sets repeat playback of CD and MP3 discs. Also used to enter in programming status.

17. DIR/REC:

Use to toggle between **DIR** and **FILE** mode when playing the MP3 disk. In recording status, use to record.

18. RESU/NOR/HOLD (Left/Center/Right):

RESU: Plays from where you stopped the last time.

NOR: Play from the beginning.

HOLD: Use to lock all buttons from accidental presses.

19. PLAYER/RECORDER switch:

Switches between player and recorder mode.

Power Sources

Using the AC Adapter:

First turn off the player, then plug the AC power adapter into the wall. Connect the output jack of the adapter to the external power jack of the player.

Note:

Only use the supplied AC power adapter.

Power Sources

Using Batteries:

Insert two 1.5V AA batteries into the battery case.

Note:

Your player will be damaged if you try to charge non-rechargeable batteries. Take batteries (non-rechargeable) out when the external power is being used. Remove batteries if the player is not going to be used for a long time. Do not mix new batteries with old ones. Do not use Mn-Zn batteries.

Using Rechargeable Batteries:

New batteries need to be charged before being used. When the batteries are weak, the player will beep to remind you to charge the batteries.

Steps for Recharging the Batteries:

1. Turn off the player if it is playing.
2. Insert the batteries and plug in the AC power adapter.
3. Switch **RESU/NOR/HOLD** to **HOLD**, and press the **PLAY** button. Power indicator in the LCD should flash and the “**CHG**” will display in the LCD. The power indicator will stop flashing when the batteries are fully charged, and the player will automatically turn off.

Note:

If the batteries can only be used for short time after the charging, they can no longer hold a charge. Please replace the batteries. Charging time depends on the volume of the battery. The larger the battery volume is, the longer the time it will take to charge. (Charging time of two 850-mAH batteries is about three hours.) If the battery is new, it may not be charged completely until you recharge it several times. To extend the life of the battery, recharge only when the battery is completely discharged.

Chapter 2

Using your Player

- Playing MP3 and Normal CDs
- Play Modes
- Using the Program and Repeat Modes
- Using Directories
- Using the Dir Program mode
- Using the Record Feature

Playing MP3 and Normal CDs

Starting Playback:

Press **PLAY** to begin playback of a track.

Stopping Playback:

Hold **STOP** until “STOP” displays in the screen.

Fast Forward:

Hold down **FORWARD** to fast forward through the track.

Rewind:

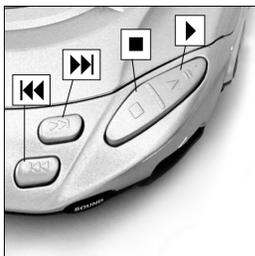
Hold down **REWIND** to rewind through the track.

Next track:

Press **FORWARD** once

Previous track:

Press **REWIND** twice.



Note: If you want to skip several tracks, first press **FORWARD** or **REWIND** once and hold it until the track you want is displayed in the LCD.

The player supports the sampling frequency of 32KHz, 44.1KHz and 48KHz. It can play files up to 320kbps.

The player supports a maximum of 256 directories.

The player supports a maximum of 512 tracks.

Note: While playing MP3 CDs, the player will rearrange the tracks to reduce the movement of the lens.

All of the play modes for the CDs can be used for MP3 CDs.

Play modes

Using the **PLAY MODES** button, you can select various modes of playback.

Continuous Playback:

1. Switch **RESU/NOR/HOLD** to **NOR** or **RESU**.
2. Switch **PLAYER/RECORDER** to **PLAYER**.
3. Press the **PLAY** button.

Note: When playing a scratched or dirty disc, press the **DIR/REC** button once to turn on **EPS**.

One track playback:

To activate one track playback, press the **PLAY MODE** button until “**1**” displays in the screen. After playing the track, “**STOP**” will display in the screen and the player will turn off automatically.

Intro Playback:

To activate intro playback, press the **PLAY MODE** button twice until “**INTRO**” displays in the screen. The player will play the first 10 seconds of each track. After playing, “**STOP**” will display in the screen and the player will turn off automatically.

Random Playback:

To activate random playback mode, press the **PLAY MODE** button three times until “**RAND**” displays in the screen. The player will play all the tracks in a random order. After playing, “**STOP**” will display in the screen and the player will turn off automatically.

Programming Playback:

To activate program playback mode, press the **PLAY MODE** button until “**PROG**” displays in the screen.

Using the Program and the Repeat Modes

You can use the program mode to create a sequence of songs in a custom order.

1. Press **FORWARD** or **REWIND** to select the track number to program.
2. Press **REP/ENT** once to add the track to the sequence.
3. If you want to delete the last track you programmed, press **REWIND** until the number decreases by one.
4. Press **PLAY MODE** to exit from Program mode.
5. After programming, press **PLAY** to play.

You can use the repeat mode to play the track, program, or CD until you stop the player.

Repeating a track:

1. Press **PLAY MODES** until “1” displays in the screen.
2. Press **REP/ENT** once and the LCD displays: 1
3. Press **REP/ENT** once again to cancel repeating. After playing the track, “**STOP**” will display in the screen and the player will turn off automatically.

Repeating a disc:

1. Press **PLAY MODES** until “1” displays in the screen.
2. Press **REP/ENT** once and the LCD displays: 1
3. Press **REP/ENT** once again to cancel repeating. After playing the track, “**STOP**” will display in the screen and the player will turn off automatically.

Repeating program:

1. Press **REP/ENT** to enter into Program Repeat mode during Program Playback. The player will play the programmed track until turned off.
2. Press **REP/ENT** once again to cancel repeating. After playing the track, “**STOP**” will display in the screen and the player will turn off automatically.

Using Directories

When dealing with the capability for hours of music, obviously you are going to want some form of organization. Max-300 MP3/CD Player supports multiple directories for organizing the tracks on your CD.

Tracks are arranged in alphabetical order by directory. For example, the tracks in a directory labeled “Beatles” will play before the tracks in the directory labeled “Pink Floyd”. The tracks in the directories are also played in alphabetical order. A track by the name of Blackbird.mp3 would play before Yellow Submarine.mp3.

One-level Directories:

1. During normal playback, press **DIR/REC** one time to enter **DIR** mode. The **DIR No.** should be flashing.
2. Using **FORWARD** and **REWIND**, select the directory you want and press **PLAY** one time. It will automatically start playing the first track.

Multi-level Directories:

1. During normal playback, press **DIR/REC** one time to enter **DIR** mode. The **DIR No.** should be flashing.
2. Using **FORWARD** and **REWIND**, select the next level directory you want.
3. If you want to go to a previous directory, press **STOP** one time.

Note: After selecting the directory, if there are no MP3 files in it, operation will be canceled in 3 seconds and return to the last operation status.

Track Selection in DIR playback status:

1. Press **FORWARD** once. The file number should be flashing.
2. Press the **FORWARD** or **REWIND** to select the track. If you want to select tracks faster, hold down **FORWARD** or **REWIND** until the track you want is displayed in the LCD.

Using the DIR PROGRAM mode

You can use the **DIR Program** mode to easily add all of the tracks in a specified directory to a sequence.

1. Press the **PLAY MODE** button until **DIR PROG** displays in the screen and the **DIR No.** is flashing.
2. Using **FORWARD** or **REWIND**, select the directory you want to add.
3. Press **REP/ENT** to add all of the tracks in the directory to the program.
4. Repeat these steps to add up to 128 tracks.

Using the Record Feature

Your LKM012 MP3/CD Player can record up to 500 seconds of digital audio for playback.

1. Open the disc cover and take out the disc.
2. Plug a microphone into the **MIC IN** jack.
3. Switch **PLAYER/RECORDER** to **RECORD**.

Recording:

1. Press **PLAY** to turn on the power.
2. Press the **DIR/REC** button to start recording and to pause.
3. Press **STOP** once after recording to exit.
4. Press **PLAY** to play the recorded content after recording.

Note: The maximum recording time of the player is 500 seconds. Hold down the **SOUND** button for 2 seconds to record in a higher quality but the maximum recording time will be shortened to 250 seconds. After turning off the power, the recorded content is erased. If you record a second time, the content recorded the first time will be erased.

Chapter 3

Reference

Troubleshooting Tips

Specifications and Accessories

Warranty Information

Troubleshooting Tips

The player cannot read the disc or “NO DISC” in the LCD:

The disc is scratched or dirty. Try a better quality disc.

Water condensation has occurred in the lens. Place the player indoors for several hours.

Check if the disc is loaded upside down.

There is no sound coming from the earphone:

The earphone cord may be broken.

The earphone jack may be dirty.

Check the volume setting.

When you press a button, HOLD display in the LCD:

Switch **RESU/NOR/HOLD** to **NOR** or **RESU**.

After reading the disc, “00-00:00” flashes and “NO FILE” displays in the LCD.

There are no files or no MP3 files in the MP3 disc. Please change the disc or press **PLAY** to try again.

The disc is scratched or dirty. Please change the disc or press **PLAY** to try again.

Batteries can only be used for very short time.

Zn-Mn batteries are being used. Replace them with alkaline batteries or rechargeable batteries.

The batteries' life is expired. Replace the batteries.

The time display moves erratically when playing MP3 CD's:

You may be playing VBR(Variable Bit rate) MP3s.

Specifications

Laser Wave Length	780nm
Output Power of Earphone	10mW+10mW (load 16oms)
Output Level of Line	0.5V±0.2V (load 10K ohms)
Audio	D/A 1 Bit
Signal-to-noise Ratio	>/=85dB (Line)
Distortion	<0.05% (Line)
Operation Temperature	+5C ~ +35C
Frequency Response	20 ~ 20000Hz (+2dB)
Dimension	145mm x 130mm x 28mm
Weight	250g (not including batteries)
Power Source	DC5V (Use AC power adapter MDC 505 A) DC3V (Use two AA alkaline batteries) DC2.4V (Use two supplied Ni-MH / Ni-CD rechargeable batteries.)

Note: Standards are subject to change without prior notice.

Accessories

- One (1) Set of Earphones
- One (1) AC Power Adapter
- Two (2) AA rechargeable Batteries
- One (1) Soft Bag
- One (1) Line Out Cord

Warranty Information

If you need help with your MP3/CD player, your local reseller has the latest information regarding the players and services and can provide support under the manufacturer's comprehensive menu of reseller services.

Information of your reseller:

MP3/CD Portable Player
Model Number: Max-300

Copyright 2001

All rights reserved, including those to reproduce this guide or parts thereof, in any form without express written permission of the publisher.

Feature and specifications are subject to change without notice. Trademarks and/or registered trademarks are the properties of their respective owners.



Impression Products, Inc.
1565 Reliance Way
Fremont, CA 94539

For customer service visit www.impression-brand.com

MAX-APR01-1K