

 **adastra**

**EZPA
Portable PA System**



952.421

www.adastra-pa.co.uk

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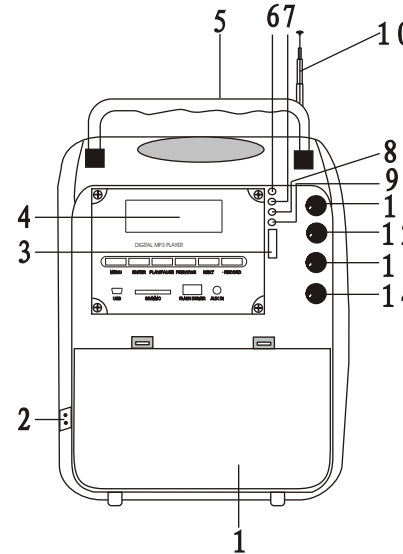
FEATURES

1. Built-in 1GB MP3 player. With USB port which can play flash drive, Mp3 player etc. With SD/MMC card reader. With 3.5mm AUX in jack which can connect with iPod, CD player etc. With recording function.
2. With 1 handheld microphone and 1 body pack transmitter with headset MIC and lapel MIC.
3. Built-in rechargeable battery.
4. ECHO, TONE controls.
5. Power/volume control, Mp3 volume control.
6. 6.35mm MIC IN, RCA line in jacks.
7. 6.35mm LINE OUT and 3.5mm phone out jacks.
8. AC input and 12V DC input jacks.

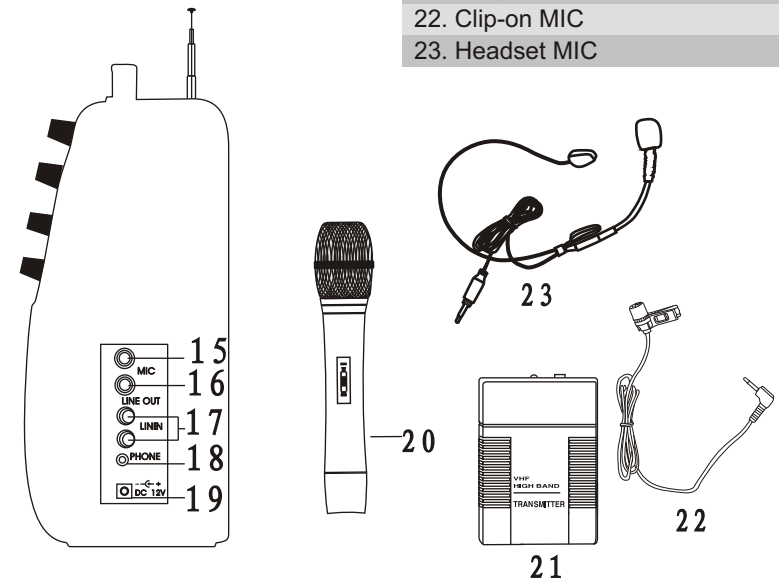
CAUTION

1. Free from high temperature; don't expose the device to the hot equipment.
2. Don't place the device in the environment of humidity and dirts.
3. Place the device in the ventilated environment.
4. Don't pull the power cord while you pull out the plug, just hold the plug to pull out.
5. Pull out the AC power if you will not use the device for a long time.
6. Your operation must be subjected to the specified voltage mark on the device and complied with this guide.
7. Don't open chassis :it is very dangerous either open the chassis or put your hand inside the chassis, don't do it.
If the device is not proper, pull out the plug at once and contact your retailer or the nearest distributor.

PARTS DESCRIPTION



1. Rear Cover(battery inside)
2. AC input jack
3. AF lever meter
4. Mp3 player
5. Handle
6. Low battery power indicator
7. Charging indicator
8. Power indicator
9. RF indicator
10. Antenna
11. Power switch/volume control
12. Mp3 volume control
13. Echo control
14. Tone control
15. MIC input jack
16. Line out jack
17. Line input jack
18. Phone out jack
19. DC input jack
20. Handheld MIC
21. Body pack transmitter
22. Clip-on MIC
23. Headset MIC



OPERATION

1. Confirm the power:

- A. When use the AC power:
 - 1) Please confirm if your currently AC power as the same as the device parameter, if no, the device will be destroyed.
 - 2) Turn on the volume control in clockwise direction, this device is normally working when the panel red power LED come on.
 - 3) Open the battery cover of the transmitter put a 9V battery into it, then close. Put the plug of headset into the mic jack on the transmitter, keep the distance as 0.8-1M between the mic head and receiver, the green indicator light is lightening, the wireless start working. Tune the wireless amplifier volume control to your desired level.
- B. When use the build-in DC 12V rechargeable battery:
 - 1) Insert the rechargeable battery in correct polarity direction. (DC 12V:Red means +, Black means - ,)
 - 2) Turn on the volume control in clockwise direction, RED indicator is come on, this device is working now. If the LOW POWER indicator come on when use this device, means the voltage is not enough. Please recharge it
- C. When use the outer DC 12V rechargeable battery:
 - 1) DC power can be input into by DC power jack directly.
 - 2) When use car battery: voltage should be 12v-15v, please note the correct polarity.
- D. When recharging:
 - 1) Plug the power cable into AC power jack for recharging, when RECHARGE indicator turn to GREEN from RED, means voltage is enough.
 - 2) Please recharge the battery every 2 months if you don't use it for a long time, and recharge it 8-10 hours continuous.

OPERATION

2. Amplifier:

- 1) Turn POWER/VOULME knob clockwise. Power Led indicator will light. Adjust master volume, Mp3 volume, tone and Echo control to suitable level.
- 2) Wire microphone: Plug wire microphone into MIC in jack. Microphone volume can be adjusted by master volume 11. Keep microphone away from the main unit to avoid feedback noise.
- 3) External audio can be input to main unit through RCA input jack.
- 4) Connect headphone to phon out jack to listen to music without interfering others.
- 5) Sound can be output to amplifier through LINE OUT jack.

3. Wireless transmitter:

- 1) Insert a 9V battery into the wireless transmitter. Turn on power switch, power LED indicator will flash once then off. RF indicator on amplifier will light. Extend the antenna fully.
- 2) Adjust amplifier volume and tone control to a suitable level.
- 3) When the transmitter power switch is ON and the power indicator light red, it means that the transmitter battery is not enough. Please replace with new battery.

4. DIGITAL MP3 PLAYER

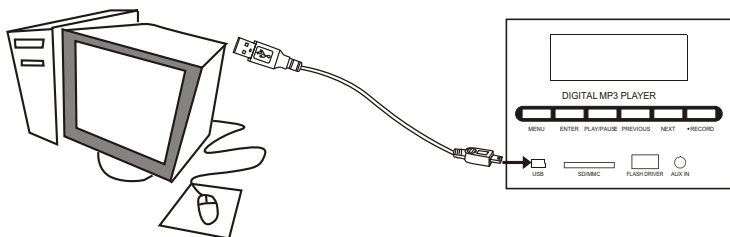
1) FEATURES

- (1) Big LCD screen with blue backlight.
- (2) Built-in flash memory, USB flash disc player and SD/MMC card reader.
- (3) A-B repeat and high quality recording function.
- (4) Support MP3 and WMA music files.
- (5) File administration function can support 5 levels folders.
- (6) Seven play mode: all, repeat all, one, repeat one, shuffle, folder, repeat folder.
- (7) Program upgrade function. End user can upgrade the MP3 player with our upgrade software.

2) DATA DOWNLOADING

CAUTION: Please turn off MP3 player before connecting with PC.

- (1) Use attached USB cable to connect MP3 player with PC.



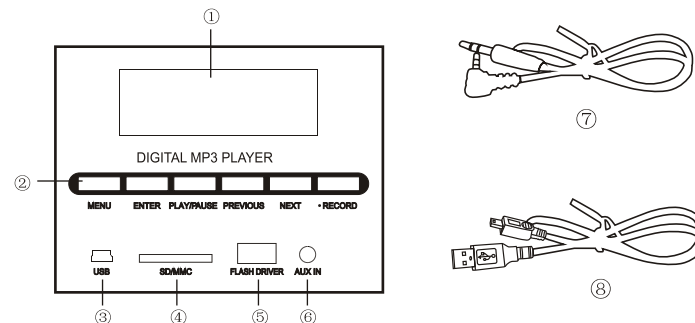
MP3 player can be powered by PC when connected with PC. (Please use win 2000 or above)

- (2) MP3 player LCD screen will display " USB ON LINE".

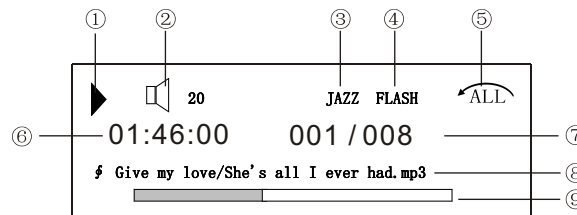


- (3) Two hard disc symbols will display in the PC screen. One is Flash, another is SD/MMC card. You can download music from your PC into Flash memory or SD/MMC card.
- (4) MP3 player can not play music when connected with PC. To play music please disconnect MP3 player from PC.

3) PARTS DESCRIPTION

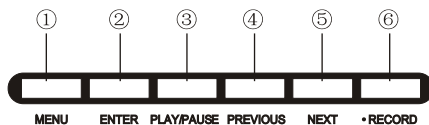


- ① LCD screen
- ② Function button
- ③ USB port
- ④ SD.MMC slot
- ⑤ Flash drive port
- ⑥ 3.5mm audio in jack
- ⑦ 3.5mm/3.5mm cable
- ⑧ USB cable



- ① Play State
- ② Volume size
- ③ EQ effect
- ④ Media
- ⑤ Play mode
- ⑥ Play time
- ⑦ Playing song no. / Total songs no.
- ⑧ Playing song name
- ⑨ Schedule of playing

OPERATION



- | | |
|-------------------|------------------------|
| ① Menu | ④ Last/Reward |
| ② Enter, Login | ⑤ Next/Forward |
| ③ Play/Pause/Stop | ⑥ Record/Delete/Repeat |

4) TURN ON/OFF PLAYER

First turn on amplifier power switch. Power LED indicator in front panel of main unit will light. Then press and hold PLAY/PAUSE button for more than 2 seconds. The LCD screen will light blue and display DIGITAL MP3 PLAYER.

To turn off player, press down PLAY/PAUSE and hold for 3 seconds. The screen shows POWER OFF. The Player is turned off.

5) VOLUME ADJUSTMENT

To adjust the volume, press MENU lightly and choose figure . Press PREVIOUS lightly to increase the volume. Press NEXT lightly to reduce the volume. Volume range is from 0 to 20. Press ENTER to confirm. Press MENU to choose the next function. It will automatically return to original interface if there is not any operation within 20 seconds.

6) EQ SET UP

To adjust EQ effect, press MENU and choose JAZZ. Press lightly PREVIOUS/NEXT to choose the EQ mode you like. There are 7 EQ modes: Flat/Jazz/Rock/Pops/Classic/Live/Dance. Press ENTER to confirm. Press MENU to choose the next function. It will automatically return to original interface if there is not any operation within 20 seconds.

OPERATION

7) MEDIA SELECTION

The MP3 Player's default setting is Flash when turned on. If you want to play SD card or USB, press MENU lightly and choose Flash. Then press PREVIOUS/NEXT lightly to choose CARD, USB or FLASH.

You can choose CARD only after you have inserted SD or MMC card into SD card slot. You can choose USB only after you have inserted USB device to USB slot. Press ENTER to confirm. Press MENU to choose the next function. It will automatically return to original interface if there is not any operation within 20 seconds.

8) PLAY MODE

To change play mode, press MENU lightly and choose . Then press PREVIOUS/NEXT lightly to choose the play mode you want. Press ENTER to confirm. Press MENU to choose the next function. It will automatically return to original interface if there is not any operation within 20 seconds.

- Play all tracks in selected memory format in order and stops.
- Play all tracks in selected memory format in order repeatedly.
- Play selected track and stops.
- Play selected track repeatedly.
- Play all tracks in selected memory format in random order.
- Play all tracks within selected folder in order and then stops.
- Play all tracks within selected folder in order repeatedly.

9) START PLAYING

- (1) Press PLAY/PAUSE to open your MENU(catalog menu) and enter into navigation to choose whatever song you like. Press PLAY/PAUSE slightly. The player will start to play. Press again to pause.

OPERATION

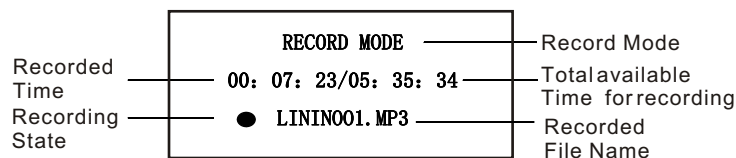
- (2) During playing press PREVIOUS to select the last song. Press and hold PREVIOUS for 2seconds to reward the song.
- (3) During playing press NEXT to select the next song. Press and hold NEXT for 2seconds to forward the song.

10) A-B REPEAT

During playing press RECORD lightly and choose repeat starting point A. In the top middle of LCD screen it will display A → . Press RECORD again to select the ending point B. In the top corner of LCD screen it will display A ↔ B. The player will repeat playing the music between A and B. Press RECORD for third time to cancel repeat.

11) RECORD

Recording can be started up only when MP3 Player is in Flash mode and in PAUSE or STOP mode. Press RECORD slightly to enter record mode. Screen will display as following.



Recording State: ■ Stop ● Recording || Pause Recording

During recording press PLAY lightly to pause recording. Press PLAY again to continue recording. Press RECORD lightly to stop recording and save the recorded file. Recorded files will be saved in LINEIN folder. Recorded files will be arranged like this :LINE001, LINE002...

OPERATION

When flash has no more space for recording, it will display DISK FULL. Available recording time depends on available Flash memory size and the recording sampling rate.

CAUTION: During recording do not turn off Mp3 player. Data could be lost and MP3 player may be damaged.

12) MENU

Press MENU and hold for 2 seconds, screen will display as following.

1. File menu
2. Rec menu
3. Settings
4. F/W Upgrade

Press PREVIOUS/NEXT to choose the option you want to set up. Press ENTER to confirm. Press MENU to return. It will automatically return to original interface if there is not any operation within 20 seconds.

(1) File menu

Select '**File menu**' by 'previous/next' keys and then 'enter' key . A menu of all folders/files in memory opens. Select track by 'previous/next' keys and then 'enter' key. Track loads but does not play until 'play' key is pressed. Or select folder by 'previous/next' keys and then 'enter' key. The folder opens showing all files within that folder. A track is then selected by 'previous/next' keys and then 'enter' key. Track loads but does not play until play key is pressed.

Menu key steps back one level (file-sub folder-folder-menu-normal operation). This Mp3 player can support 5levels folders.

OPERATION

To delete song, first choose the song you like to delete. Then press RECORD to delete the song. Delete interface will display and ask you to confirm delete or not. Default is NO. Press PREVIOUS/NEXT to choose YES or NO. Press ENTER to confirm. Folder can not be deleted. During playing no song can be deleted.

(2) REC menu

When you choose REC MENU, you can choose recording sampling rate by pressing PREVIOUS/NEXT. There are four options: 32Kbps, 64Kbps, 128Kbps, 192Kbps. Default sampling rate is 192Kbps.

CAUTION: Recording can be functioned only in FLASH media.

(3) Settings

Choose SETTINGS and press ENTER. LCD screen will display as following.

- | |
|--|
| 1.Backlight time
2.Auto power off
3.Varispeed
4.Information |
|--|

-Backlight time: to set up backlight auto off time

Always on,10s, 20s, 30s, 40s, 50s, 60s,70s

-Auto off: to set up Mp3 player auto power off time. Default is OFF.

'Off': player switches off only when switched off manually on player or by amplifier being switched off on 'Power/Volume' control)

'10 mins'

'20 mins'

'30 mins'

In each case player switches off after stated time delay.

OPERATION

-Varispeed.

This function enables the users to adjust the playing speed of MP3 player. There are 6 different kinds of playing speed: -3,-2,-1,0,1,2. Default is 0.

- | | |
|----------|--------------|
| -3,-2,-1 | slower speed |
| 0 | normal speed |
| 1, 2 | faster speed |

Press PREVIOUS/NEXT to choose the playing speed you need. Press ENTER to confirm.

CAUTION: Only in Flash media, you can adjust the playing speed. This function does not work when playing USB or SD/MMC card.

- Information: Choose this option and press ENTER. LCD screen will display as following.

System Information

Firmware Ver 0.50	— Software version
Total: 0500MB	— Total flash memory
Free: 012MB	— Free flash memory

SPECIFICATIONS

AMPLIFIER

Receiving Mode:	VHF
Output Impedance:	600 Ω
Frequency Range:	173~175MHz
S/N Ratio:	\geq 60dB
Stability for frequency:	+/-0.005%(-20°C ~40°C)
Power Output:	30W(MAX)
Effective Distance:	50M (open field)
Power supply:	AC 230V 50Hz;DC 12V-15V

TRANSMITTER

Frequency range:	VHF 173~175MHz
Dynamic range:	80dB
Frequency Response:	100-10KHz
Working Temperature:	-20°C~40°C
Battery Voltage:	9V battery
Battery Life:	about 10 hours