


MUZIO (JM-200)

USER MANUAL

MUZIO 2(JM-200) Specs

Category		MUZIO Specs
Audio	Range of Frequency	20Hz ~ 20KHz
	Earphone Output	Earphone 1 : (L)12mW + (R)12mW(16Ohm), Volume Max Earphone 2 : (L)8mW + (R)8mW(16Ohm), Volume Max
	Signal to Noise Ratio	90dB
FM Radio	Frequency Range	76.0MHz ~ 108.0MHz
	Output	Earphone 1 : (L)12mW + (R)12mW(16Ohm), Volume Max Earphone 2 : (L)8mW + (R)8mW(16Ohm), Volume Max
	Signal to Noise Ratio	50dB
Removable Disk	USB Device	USB1.1 (Read Speed : 700MB/S, Write Speed : 500MB/S)
	USB HOST	USB1.1
File Support	File Format	MPEG 1/2/2.5 Layer 3, WMA, OGG
	Bit Rate	8Kbps ~ 384Kbps
	Tag	ID3 Tag V1.0, 2.x
General Items	Product Size	84.5mm(width) * 42mm(length) * 23mm(height)
	Product Weight	Approximately 56g (Including battery)
	Operation Temperature Range	-5 ~ 50
	Memory	128MB, 256MB, 512MB, 1GB
	Play Time	Play 15 hours(128Kbps MP3, Vol 20, EQ Normal)
	Voice Recording	512MB over 130 hours(8Kbps)
	Battery	Li-Polymer




Power On & Off

1. Press  button and hold for Power On or Off.



Charging

1. Connect MUZIO into USB Port through USB cable provided or connect into the power terminal of charger sold separately. When the power is full, Red LED on MUZIO will be off. (It takes approximately 2 hours)

Basic Operation Function

	Power On/Off or Stop	>>	In the play mode, select next song or search next section, and search next or select next channel in the FM Mode
	Interval Repeat Setting, Play/Radio/Record Mode Change	^	Speed Control – Speed Up AVATAR display on/off
	EQ Change Mode, Start/Stop Record	v	Speed Control – Speed Down AVATAR display On/Off
Rotating Disk	Volume Up or Down Turn Right – Volume Up Turn Left – Volume Down	⚙	Browsing Mode. Configuration Mode.
<<	In the Play mode, select previous song or rewind music, and search previous or select previous channel in the FM mode.	Hold	Hold Switch

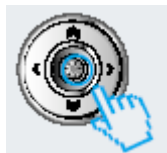
Music Listening

Play mode operation	
	1.Power ON/OFF : Press and Hold
	2.Play/Pause : Short Click
Rotate	3.Volume Up/Down : Rotate Right/Left
<<	4.Play Previous : Short Push
<<	5.Rewind : Long Push
>>	6.Play Next : Short Push
>>	7.Fast Forward : Long Push

REC	8.EQ Change : Short Click after Long Click
☼	9.Folder Change : Short Push
^ or v	10.Avata Display on/off : Long Push
FM mode operation	
▶/■	1.FM Mode: At the Power on, select Radio Mode after long press of Mode Button.
AB	2.STEREO/MONO Change: Short Click
<<or>>	3.Frequency/Preset Change: Short Click
REC	4.Previous or Next Channel Search: Long Push at Frequency mode
	5.Auto Scan: Long Click
Voice/Line-in Recording	
AB	1.Record Mode: At the Power on, select Record Mode after long press of Mode Button.
REC	2.Voice/Line-in Change: Short Click
▶/■	3.Record Start/Stop: Short Click
	4.Record Pause/Continue: Short Click
FM Recording	
REC	1.FM Mode: At the Power on, select Radio mode after long press of Mode Button.
▶/■	2.Record Start/Stop: Short Click
	3.Record Pause/Continue: Short Click
Play speed control (Study Mode)	
^	1.Set Menu: At the menu setting, select Play -> Play Speed -> on.
v	2.Speed Up: Short Push
	3.Speed Down: Short Push

Menu Setting

1. Press and hold the center of the control. There are six main menus and a lower menu under the main menu except the exit.



2. Use the <<, >>, ^ , | direction to move to the desired menu. After the selection, Press the center of the control to complete the setting.



3. To return to the main menu, push the control in the << direction.



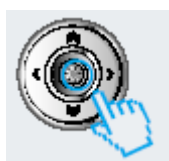
4. To escape the menu setting, select the exit menu and press it.



Folder Search Function

A user finds and listens to music in a desired folder when listening to music in each folder.

1. At the play mode, Press the center of the control.



2. Use the <<, >>, ^, v direction to move to the desired folder.



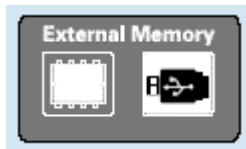
3. To play, press the center of the control and select the desired file.

USB Host mode operation

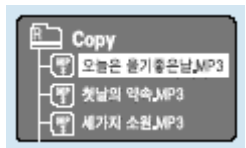
1. At the menu setting, select System -> Host/Device -> Host.



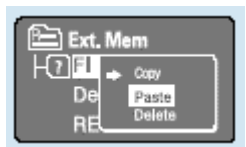
2. Connect MUZIO into the external USB Device through mini USB Adapter provided.
3. Pause Play.
4. Select the target file in the external USB device through Folder search function.



5. Press 'REC' button, then select 'Copy'.



6. Select the destination of copy at the folder search function, then select 'Paste' after pressing 'REC' button.





FCC Compliance Statements

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates ,uses and can radiate radio frequency energy and ,if not installed and used in accordance with the instruction , may cause harmful interference to radio communication. However , there is no guarantee that interference will not occur in a particular installation.

If this equipment dose harmful interference to radio or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

Warning :

Your are cautioned that any change or modifications to the equipment not expressly approved by the party responsible for compliance could void your authority to operate such equipment.

NOTE : This unit was tested with shielded cables on the peripheral device .
Shield cables must be used with the unit to insure compliance.