FOR-X

Owner's Manual

X-100MIC
CAR KARAOKE MP3 PLAYER

App Store   Google Play

CE

CONTENTS:

WARNINGS & PRECAUTIONS:

To avoid risk of serious injury or possible violation of laws, please read the following thoroughly before installation or connecting.

• This product is designed specifically for use with 12 volt, negative ground electrical systems only.

• Having the wiring and installation done by expert.
  Be sure to disconnect the cable from the negative battery terminal while installtion.

• This apparatus shall not be exposed to dripping or splashing, and no object filled with liquids shall be placed on the apparatus.

• Fuses shall be replaced only with the correct type and fuse value, and only when the apparatus is powered off.

• To prevent a short circuit, never put or leave any metallic objects(such as coins or metallic tools)inside the unit.

• Never set the volume of this product so high that you cannot hear outside traffic and emergency vehicles.

PRODUCT FEATURES:

|	
LCD: VA-LCD	**EQ:** 28 Band/8 Preset
DSP: Built-in	**Radio:** FM
Key Light: Multi Color	**USB:** Charge 2A
Bluetooth: Version 5.1	**APP Control:** iOS and Android Phone
Remote: Support	**Max Power:** 4 x 60W
Pre-Output: 6CH x 3V	**Subwoofer Control:** Support
AUX In: Support	**Dual Bluetooth Connection:** Support
SD Card: Support	**Audio Format:** MP3/WMA/AAC/FLAC
Bluetooth Music: Support	**External Microphone:** Support

INSTALLATION:

Installation Procedures
First complete the electrical connections and then check for correctness.

Installation Opening
This unit can be installed in any dashboard has an opening as shown below:

53mm

182mm
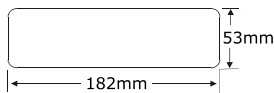
TO Install The Car Radio

Be sure you test all connections first, and then follow these steps to install this unit.
1. Make sure the ignition is turned off, and then disconnect the cable from the vehicle battery' s negative (-) terminal.
2. Disconnect the wire harness and the antenna.
3. Remove the detachable panel and decorative enclosure frame and place on one side.
4.Insert the two brackets into the left and right sides of the chassis, as shown in the following figure, and separate the chassis from the sleeve.
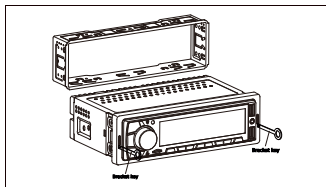
5. Insert the installation sleeve into the center console to be installed, and bend the clip using a screwdriver. Make sure the locking rod is flush with the mounting sleeve and does not protrude.

6. Connect cables as shown in the Wiring diagram.

7. Insert the car radio into the mounting sleeve.

8. Install decorative enclosure frame.

FOR-X

ACCESSORY LIST:

Please check the following accessories after opening the package:
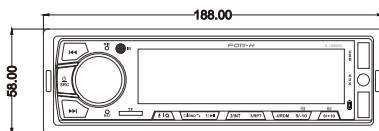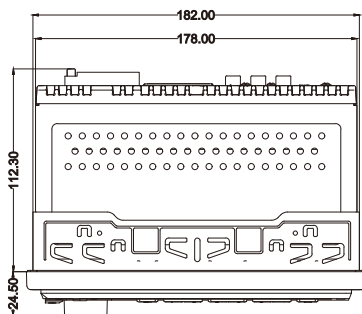
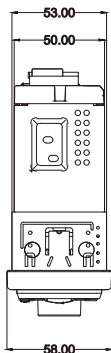| ISO Male Connector x2	Remote x1
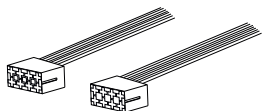
Diassemble Keys X2	User Manual / Warranty Card / Service Manual

User Manual

Warranty Card

Service Manual

DIMENSION(UNIT:MM):

53.00
50.00
112.30
24.50
58.00

182.00
178.00

188.00
58.00

FOR-X

WIRING DIAGRAM:

Front Right Output

Subwoofer Output 1 → ← Rear Right Output

Antenna Jack
(Not Included)

MIC
(Not Included)

Rear Left Output
Front Left Output
Subwoofer Output 2

Power/Speaker
Connector
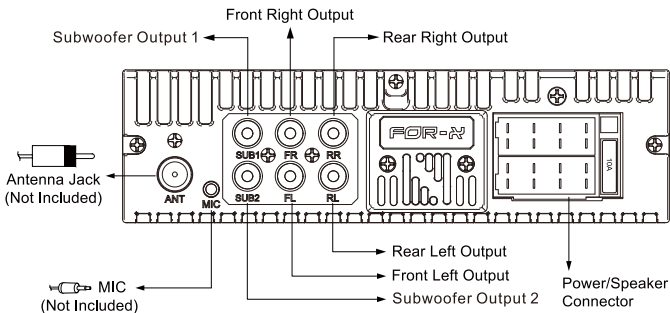
POWER & SPEAKER CONNECTOR		
	Socket A(Power Supply):	Socket B(Speakers):
	A1: GND	B1: Rear Left (-)
	A2: Ignition Wire	B2: Rear Left (+)
	A3: NA	B3: Front Left (-)
	A4: Amplifier Control	B4: Front Left (+)
	A5: Battery (+)	B5: Front Right (-)
	A6: SWC Control Wire 1	B6: Front Right (+)
	A7: SWC Control GND	B7: Rear Right (-)
	A8: SWC Control Wire 2	B8: Rear Right (+)

Volume Control/Menu   Microphone   Remote Control Receiver   USB Charge

AUX input

Reset   Return(Band Select)   Display Windows   USB Port

REMOTE OPERATION:

Mute — (speaker icon)
Power Off — (power icon)

SRC   V+   (return icon)
Source — SRC
Return
Menu
Volume Up
Previous — I◄◄   ►►I — Next
MENU
Volume Down
Answer Call — (phone icon)
Band Select

V-   BAND
Reject Call — (phone icon)
Clock Display
AMS   CLK
Automatic Station Search

FOR-X
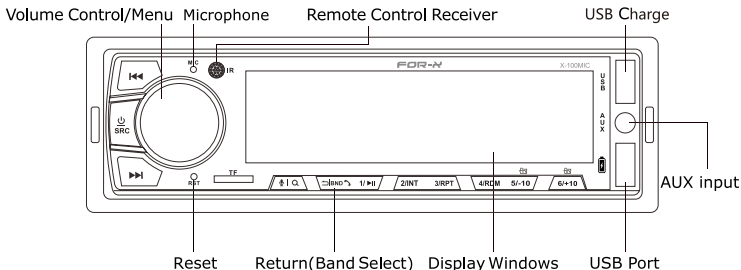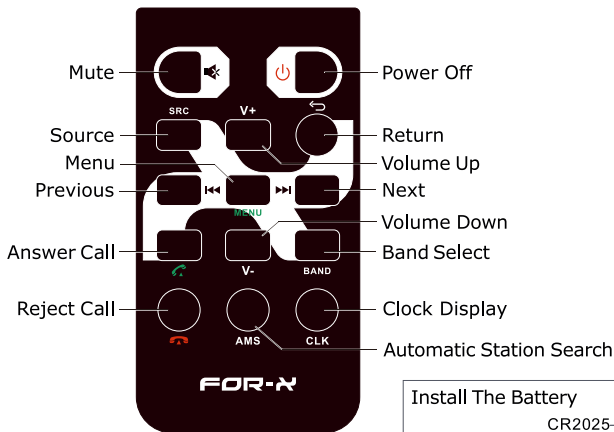
Install The Battery
CR2025
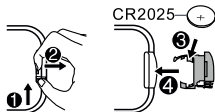
BLUETOOTH OPERATION:

Bluetooth Pairing

The first time pair mobile phone with receiver, please follow below steps:

1. When there is no pairing, in any mode, the BT on the LCD will flash, and the pairing can be performed at this time.

2. Turn on the phone' s Bluetooth to search X-100MIC.

3. Click on the X-100MIC on the phone to connect. After the connection is successful, the BT will stop flashing.

4. When pairing is completed, the mobile phone audio will transfer to the car audio system automatically whenever a call is made or received, or when the mobile phone plays music.

Note:

For more details of bluetooth pairing, please refer to the owner' s manual for your mobile phone.

FOR-X

KARAOKE:

Long Press To Turn On/off

Reduce Microphone Volume

Short Press: Voice Switch

Increase Microphone Volume

ECHO \ MAGIC \ VOLUME
Switching

Introduction of Microphone Functions

Function Name	Function Introduction
VOICE	Cancel Music Vocals
VOLUME	Mic Volume
ECHO	Mic Reverberation
MAGIC	Mic Voice Change

USB&SD PLAYBACK:

| To	Operation (panel)
Track selection fast playback	Press ◄◄ ►►ι Press and hold ι◄◄ ►►ι
Playback/Pause	Press 1/►ιι
Track pre-play	Press 2/INT
Repeat playback	Press 3/RPT ● REPEAT ONE.REPEAT DIR.REPEAT ALL
Random playback	Press 4/RDM ● ON/OFF
Folder selection	Press 5/-10 🗂 6/+10 🗂

RADIO OPERATION:

Start Listening

To	Operation (panel)	Remark
Auto memory	Press and hold 🎤 I 🔍	18 FM
Band selection	Press 🔙BND↩	FM1/FM2/FM3
Seek a station manually	Press ◄◄ ►►I	
Search the next or previous frequency step by step	Press and hold I◄◄ ►►I	
Store a station	Press and hold 1-6	

RADIO	
FM Frequency Range	Europe Area: 87.5 ~ 108.0 KHz (50KHz / Step)
	U.S.A Area: 87.5~107.9 KHz (200 KHz / Step)
	ASIA Area: 87.5~108.0 KHz (100 KHz / Step)
	RUSS Area: 65.0 ~74.0 KHz (30 KHz/ Step)
Preset	18FM

AUX INPUT:

1.Connect a portable audio player(commercially available).
Auxiliary input jack

Portable audio player
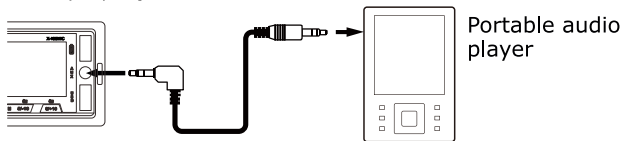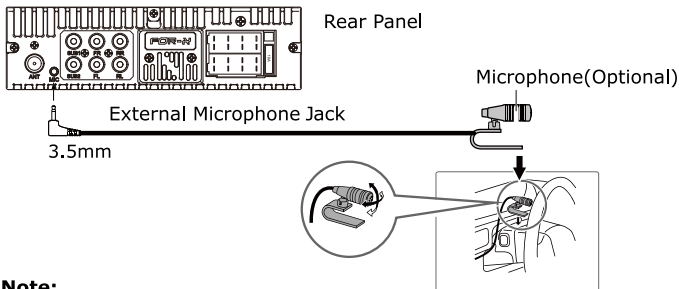
Auxiliary input jack

3.5mm stereo mini plug with "L" shaped connector.
(commercially available).

2.Press[⏻ SRC]buttons to select AUX IN.

3.Turn on the portable audio player and start playback.

EXTERNAL MICROPHONE:

Rear Panel

Microphone(Optional)

External Microphone Jack

3.5mm

Note:

Since the panel microphone is far from the driver' s position,

when using an external microphone, you can get better voice calls.

XOVER SETUP:

1. Press the knob to enter the [MENU].
2. Turn the knob to select [X/OVER], then press the knob.
3. Turn the knob to select [SUB SET], then press the knob.

Subwoofer Xover List

Menu	Adjustment	
F+R SET	HPF FREQ	OFF/30HZ/40HZ/50HZ/63HZ/70HZ/80HZ/90HZ/100HZ/125HZ/160HZ/180HZ/220HZ/250HZ/315HZ/400HZ/500HZ/630HZ/700HZ/800HZ
	LPF FREQ	OFF/1KHZ/1.6KHZ/2.5KHZ/3.15KHZ/4KHZ/5KHZ/6.3KHZ/8KHZ/110KHZ/12.5KHZ

Front & Rear HPF Frequency Setup

1. Turn the knob to select [HPF FREQ], then press the knob.
2. Turn the knob to select frequency [OFF/30HZ/40HZ/50HZ/63HZ/70HZ/80HZ/90HZ/100HZ/125HZ/160HZ/180HZ/220HZ/250HZ/315HZ/400HZ/500HZ/630HZ/700HZ/800HZ].

Front & Rear LPF Frequency Setup

1. Turn the knob to select [LPF FREQ], then press the knob.
2. Turn the knob to select frequency [OFF/1KHZ/1.6KHZ/2.5KHZ/3.15KHZ/4KHZ/5KHZ/6.3KHZ/8KHZ/110KHZ/12.5KHZ]

AUDIO SETTING:

1. Press the knob to enter the [MENU].
2. Turn the knob to select [AUDIO], then press the knob.

Audio Setting List

Menu	Adjustment
SW LEVEL	SVOL -8 ~ +8
PRESET EQ	USER/NATURAL/POP/CLASSIC/ROCK/JAZZ/FLAT/ COUNTRY/OPTIMAL
	└─ 30HZ/60HZ/80HZ/120HZ/160HZ/250HZ/400HZ/600HZ/ 1.5KHZ/2KHZ/2.5KHZ/3KHZ/3.5K/4K/5K/6K/7K/8K/9K/11K/ 12K/13K/14K/15K/16K/17K/18K/19K
LOUND	OFF/ON
BASS	BASS -7 ~ +7
MIDDLE	MIDDLE -7 ~ 7
TONE	TONE -7 ~ 7
TREBLE	TREBLE -7 ~ +7
BALAN	BALAN L7-L0, 0, R1-R7
FADER	FADER R7-R1, 0, F1-F7
AUDIO RESET	NO/YES

Subwoofer Volume Adjustment
1. Turn the knob to select [SW LEVEL], then press the knob.
2. Turn the knob to adjust SVOL [-8 to +8].

Preset EQ Select
1. Turn the knob to select [PRESET EQ], then press the knob.
2. Turn the knob to select [USER/NATURAL/POP/CLASSIC/ROCK/ JAZZ/FLAT/COUNTRY/OPTIMAL].

User EQ Setup
1. Turn the knob to select [PRESET EQ], then press the knob.
2. Turn the knob to select [USER], then press the knob.
3. Turn the knob to select frequency for adjustment.

Loundness Setup
1. Turn the knob to select [LOUND], then press the knob.
2. Turn the knob to select [OFF/ON].

Bass Adjustment
1. Turn the knob to select [BASS], then press the knob.
2. Turn the knob to adjust [-7 to +7].

AUDIO SETTINGS:

Middle Adjustment
1. Turn the knob to select [MIDDLE] then press the knob.
2. Turn the knob to select [-7 to +7].
Tone Adjustment
1. Turn the knob to select [TONE], then press the knob.
2. Turn the knob to select [-7 to +7].
Treble Adjustment
1. Turn the knob to select [TREBLE], then press the knob.
2. Turn the knob to select [-7 to +7].
Balance Adjustment
1. Turn the knob to select [BALAN], then press the knob.
2. Turn the knob to select [L7-L0 to R1-R7].
Fader Adjustment
1. Turn the knob to select [FADER], then press the knob.
2. Turn the knob to select [R7-R0 to F1-F7].
Audio Setup
1. Turn the knob to select [AUDIO RESET], then press the knob.
2. Turn the knob to select [NO/YES].

CLOCK AND DATE SETTING:

1. Press the knob to enter the [MENU].
2. Turn the knob to select [CLOCK], then press the knob.

Clock And Date Settings List

Menu	Adjustment
CLOCK FORMAT	12H/24H
CLOCK ADJUST	00:00
DATE FORMAT	DD-MM-YY/MM-DD-YY
DATE SET	01/01/2023

Clock Format Settings
1. Turn the knob to select [CLK FRMT], then press the knob.
2. Turn the knob to select [12H/24H].

Clock Adjust
1. Turn the knob to select [CLK ADJ], then press the knob.
2. Turn the knob to adjustment.
3. Press the knob to switch the clock/minute adjustment.

Date Format Settings
1. Turn the knob to select [DATE FORMAT], then press the knob.
2. Turn the knob to select [DD-MM-YY/MM-DD-YY].

Date Settings
1. Turn the knob to select [DATE SET], then press the knob.
2. Turn the knob to adjustment.
3. Press the knob to switch day/month/year adjustment.

ANIMATION SETTING:

1. Press the knob to enter the [MENU].
2. Turn the knob to select [ANIMATION], then press the knob.
3. Turn the knob to select [OFF/PER 15SEC/30SEC/1MIN/2MIN/4MIN].

Menu	Adjustment
ANIMATION	OFF/PER 15SEC/30SEC/1MIN/2MIN/4MIN

TUNER SETTING:

1. Press the knob to enter the [MENU].
2. Turn the knob to select [TUNER], then press the knob.

Tunner Setting List

Menu	Adjustment
TUNER	MONO/STEREO ST
	DX/LOC
	ARER EUROPE/USA/ASIA/RUSSIA

Stereo/Mono Select
Turn the knob to select [STEREO or MONO], then turn the knob select [STEREO/MONO].

DX/Local Select
Turn the knob to select [LOC or DX], then turn the knob select [DX /LOCAL].
Remark: DX:Distant exchange

Tuner Area Select
Turn the knob to select [REGIONAL], then turn the knob select [ASIA/OIRT/EUR/USA].

DEMO MODE SELECT:

1. Press the knob to enter the [MENU].
2. Turn the knob to select [DEMO MODE], then press the knob.
3. Turn the knob to select [OFF/ON].

Menu	Adjustment
DEMO MODE	OFF/ON

DISPLAY SETTING:

1. Press the knob to enter the [MENU].
2. Turn the knob to select [DISPLAY], then press the knob.

Display Setting List

Menu	Adjustment
SPECTRUM	OFF/ON
ID3 TAG	OFF/ON
MODE SEL	C-MODE 1/C-MODE 2/C-MODE 3
C-MODE 1/ COLOR SEL	AUTO/RED/GREEN/BLUE/YELLOW/ CYAN/PURPLE/WHITE
VERSION	VER 1.0

Spectrum ON/OFF
1. Turn the knob to select [SPECTRUM], then press the knob.
2. Turn the knob to select [OFF/ON].

ID3 ON/OFF
1. Turn the knob to select [ID3 TAG], then press the knob.
2. Turn the knob to select [OFF/ON].

Key Light Select
1. Turn the knob to select [MODE SEL], then press the knob.
2. Turn the knob to select [C-MODE 1/C-MODE 2/C-MODE 3].

Key Light Bright Setup
1. Turn the knob to select [BRIGHT], then press the knob.
2. Turn the knob to select [MANUAL], then press the knob.
3. Turn the knob to select [M-LEVER 1~8].
4. Turn the knob to select [AUTO], then press the knob.
5. Turn the knob to select [A-LEVER 1~8], then press the knob.
6. Turn the knob to select [START], then press the knob to set start time.
7. Turn the knob to select [STOP], then press the knob to set stop time.

System Version
Turn the knob to select [VERSION], then press the button to query the system version information.

TROUBLE SHOOTING:

Not work	**Remedy**
Fuse blown	Replace the fuse: 10A(Red)
Loose panel contact	Take out the panel and reinstall

Not responding	
System problem	Reset the unit

No bass	
Subwoofer setting level is too small	Enter AUDIO to set SVOL

Can't turn on voice	
Bluetooth is not connected	Connect Bluetooth
Phone does not support voice	N.A

Not playing	
Incorrect device format	Reformat
Device error	Replacement device
Unsupported audio file	Replace supported audio files

Radio reception is poor	
Poor contact of radio antenna	Reconnect the radio antenna
Poor signal at location	Change to other positions

Remote control is invalid	
Remote control battery is low	Replace CR2025 battery

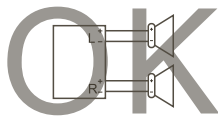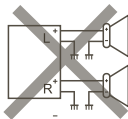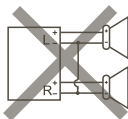| **Bluetooth call is poor**	
Microphone is too far away	Speak into the microphone

SPEAKER CONNECTION:

Do not connect the speaker leads of the power cord to the car battery; otherwise, the unit wil be seriously damaged.

Before connecting the speak leads of the power cord to the speakers, check the speaker wiring in your car.

SPECIFICATION:

GENERAL		
	Power Supply Requirement	DC 12V
	Maximum Power Output	60W X 4CH
	Speaker Impedance	4 - 8 Ohm
	Unit Dimensions(WxHxD)	178 X 112.3 X 50mm
	Weight	0.6 kg
	Fuse	10 A

RADIO		
	FM Frequency Range	87.5MHz - 108.0MHz
	Preset	

USB Index		
	Usable Audio Formats:	MP3/WMA
	USB Port Type:	2.0
	USB Charging:	5V/2A
	Frequency Response:	20 Hz - 20 KHz
	S/N Ratio:	60 dB

BLUETOOTH		
	Version	Bluetooth 5.1
	BT Profile Supports:	A2DP, AVRCP, HFP
	Range Of Frequency:	2.4 GHz spectrum

APP OPERATION:

APP Download

Method 1: Please scan the QR code on the cover to download the APP and install it on your Android or Apple device.

Method 2: Please go to the Apple APP Store or Google Play Store and search [AUDIO DSP Control] APP, after downloading the APP, install it on your Apple & Android devices.

APP Connection

1.Open the [AUDIO DSP Control] APP, click[▥] to search for X-100MIC.

2.Click X-100MIC to connect, the [▥] will be red after the connect is successful.