# OPERATION MANUAL

FCC ID: 2A4IN-SX-5513
BT/USB/TF/MMC/MP3/WMA PLAYER
WITH RADIO RECEIVER



Tis picture is for reference only, Please take the actual protoype

## Panel function

- 1.Switch button Up and down tuning knob Function conversion key
- 2.Volume knob Sound adjustment
- 3.SD card
- 4. Answer button Band switching
- 5.Hang up / time 6.Pause playback
- 7.Browse Play 8.Single cycle
- 9.Shuffle Playback 10.Decrease by ten
- 11.Add ten to the front

12.USB 13.AUX 14.RESET

### Audio Files:

1. Perfectly Supports All Lossless Music, FLAC, APE, WAV for instance;

2. MP3, WMA

MP3 formats detailed description as below:

1.Sampling Frequency: 8K-48K 2.Bitrate: 8Kbps-448Kbps

3.Bitwide: 16bits

Sound Track: Mono, Stereo. Supports MPEG1/ MPEG1/MPEG2, (layer1,2,3) MP3 CBR/VBR/AB max encoding rate 448kbps; supports MP3 ID3V2; supports WAV ima/microsoft ADPCM:

supports WAV PCM; supports WMA(V7/V8/V9); supports WMA,

bitrate>=5 kbps; supports MP3/WAV/WMA sampling rate (K):8/11.025/12/16/22.05/24/32/44.1/48

FLAC 16BIT, sampling rate (K):8/11.025/12/16/22.05/24/32/44.1/48

#### Bluetooth instructions

Device Name : CAR BT PIN N umber : 0000

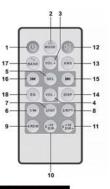
Bluetooth connection method: When the machine is powered on, the phone turns onthe Bluetooth function, click on the search device. When [CAR BT] is displayed in the list, click [CAR BT] to connect. Bluetooth play mobile music: After the Bluetooth connection is successful, open themusic player software on the mobile phone to play music, increase the volume of themobile phone, and press the MODE button repeatedly until the BT AUDIO (Bluetooth mode) is displayed, it is already playing. \* Bluetooth name can not be searched or searched for connection unsuccessful? Solution: Cancel all other Bluetooth devices connected to the phone, and then click again to search for the device. If the problem is still not solved, you can search/connect several times. If it still doesn't work, unplug the host and wait for 1 minute, then poweron again, and then search for connections.

#### New Functions:

2. Folder up/down Function. For example, if there are 3 folders in 1 USB drive, 10 tracks in each folder. Long press #6 is folder up, i.e., the 1st track of the 2nd folder can be read; long press #5 allows you to go to the 1st track of the previous folder.

3. Rapid Track Select Function

If there're hundreds of songs in 1 USB drive, suppose you want to listen to the 100th track, you won't have to press 100 times to get there. Under Music Mode, short press BAND/APS to enter rapid track select status.4 zeros will display on the LED panel, the 1st zero on the right blinks; adjust the VOL button to get the single digit. After that, press BAND/APS to get the cursor to tens digit, also adjust the VOL button to the tens digit. Similarly, press BAND/APS to get the cursor to hundreds digit, adjust the VOL button to it, press the middle of VOL to confirm, voila, you get to listen to the 100th track.



# Remote function

- The power switch
   Mode conversion/Phone Hand up
   Volume increase
   Volume reduction
- -- -- -- -- -- -- -- -- -- --
- 5. Multi fnuctional selection Key
- 6,7,8,9,10,11:digital key
- 12. Mute function
- 14. Sound settings DISP
- 16. Scan feature selections
- 18. Equal loudness
- 13. Search for stations a AMS15. Scan feature selections
- 17. Band conversion BAND/
  - Phone Pick up

### WELCOME

Thank you for purchasing our products, Read all "manual" to understand the correct operation of this type product method, Keep reading after the completion of, To service futuer reference.

## Important Reminder

If your car in direct sunlight where, Cause excessive heat in side the car, Should enable the unit to cool before use.

If your car on the outside a very cold place, Should first start the car, To betemperature before using the machine.

If the machine does not power supply, Please check the connection status. If everything is normal, Check the fuse.

Play USB, Please be careful not to crash, Cause the machine to prevent damage, For a long time when not, Remove the USB or TF card.

To prevent a short circuit, Do not place metal objects (Screws, conins, tools) and other components falling into the device.

To protect traffic safety, Please do not concentrate on driving the process of regulating the product.

Before installation, Refer to wiring diagram. Note that connection, Avoid short circuit.

The unit accepts music format MP3/ WMA, Do not download pictures and video files to play on this unit, Or can not play or slowdown play back, If the current player is the MP3 format, Display shows MP3, If the WMA format will be displayed as WMA

In the USB or TF card, please be careful not to other line of wool or hairinto the UBS or TF tilting deck, TO avoid poor cintact.

Connect the computer to add, delete files, please make full use of the rearcomputer USB port.



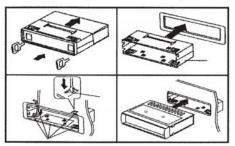


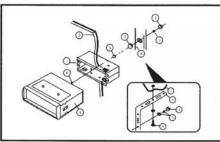
# Installation Instructions

### Please reler to installation, wining diagram

Instalation of metal sleeve See insallaton drawings ,the metal setinto the instrument panel, with the driver put the top card of metal to fixed locations, Power and Polarity, positive and the car battery positive andnegative ground battery negative or frame at the end ( note that, iorder to prevent a shore circuit, all insalled, then teh negative battery connected )

### Installation Drawing:





### ISO Wiring diagram:

(10)	) (11)		100	0.57	8 Z 8 Z SE
14 12	13		₹ ~1.	al a	10A FUSE
10	(Red)Before Right RCA	A1	Enpty	В1	Right Rear Speaker +
11	(White)Before left RCA	A2	Enpty	B2	Right Rear Speaker -
12	(Red)Rear Right RCA	A3	Enpty	В3	Right Front Speaker +
13	(White)Rear left RCA	A4	+12V Constan Power Supply	84	Right Front Speaker -
14	Radio ANT	A5	Power Antenna/Amplifier Turn On	B5	Left Front Speaker +
		A6	Enpty	B6	Left Front Speaker -
		-		-	
		A7	+12V Accessory/Ignition Switch	<b>B7</b>	Left Rear Speaker +

# Installation Instructions

Oyellow (memony wire): the positive conections with 12V constant voltage (provided to the machine's memory lines): Ored (power line): 12V power switches and connected (this line with the vehice ignition switch contol): Speaker wire connection:

This device is designed to use "4-8" $\Omega$  load impedance speakers, connected to speakers before you disconnect the power and prevent short circuits.

Note: Do not use the speakers connected to ground with the body or even touch each other, not to collide with power lines, otherwise it will damage the machine Replace the fuse bad first pull out the fuse. the new standards have the same fuse inserted in the output blocks (see wiring diagram)Install the host: the antenna into the antenna base, the right to adjust the antenna if they can, you may get a good reception.

# Troubleshooting and Maintenance

Sometimes considered a failure phenomenon is small operationor a result of wiring errors.

Before calling service that, please refer to the following description of a brief examination:

#### 1.Unreasonable power?

Fuse box: Make sure there is no short circuit between wires, repiace thefuse the same melting capacity Auto Igntion SystemACC position: the same guide wire connected to the ignition wire as the battery wire, the memory is connected to power lines and power supply positive.

#### 2. Press the off button does not work:

panel has a reset button please reset, in general, you can work, if it is stil not working properly, unplug the power cord then plug the time (probably not pugged in) and then re- plug Should be able to work properly

### 3. Does not respond after opening LOUD:

such cases the tuning source used tor the selecion of tuning the source no bass compensation

#### 4. Silent or whispered:

volume control or balance stings are set on one side, the fader and balance settings at the central position; input/ output wires or wiring harness are connected properly: Please refer to wiring diagram sound too excessive or load Weight, the machine automatically protection:after the machine automatically after cooling back to normal.

#### 5. Sound, quality (distortion)

Speaker wires is being pinched by a screw, check the speaker wires are not wired the speaker the speaker output terminals, respectively, to the speaker terminals.

Check the telescopic antenna is nomnal, check the antenna input socket s good, with or without contact with the defect.

# Specifications

#### FM radio

Tuning Range 87.5-108.0MH
Sensitivity ····· ≤20DB
Stereo Separation ······ ≥25DB
SNR≥60DB

### Some playback

Music format suppot ····· MP3. W	MΑ
Misplay Format ······ ID3 disp	olays
Distortion≤0.3%	
SNR>60DB	

#### **Panel Size**

188wide X 78deep x 58high-MM

#### Installation dimensions

178wide X 78deep X50high-MM

#### Power supply

12VMachine 11~14.4V
Note: This machine is 12V machine,
not according to the 24V power suppl

#### Audio

Operating temperature 20~+60C
CQuiescent current speaker impedance $\cdots\cdots$ 4 $\Omega$
Frequency Response ······200~ 20000HZ

#### Fuse

Yellow -----10A

# **FCC Warning**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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 instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause 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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).