

Welcome!

Thank you for purchasing our company multimedia player! To operate the unit correctly, please read the owner's manual carefully before using the unit. Keep these instructions and retain this booklet for future reference!

Main Function Description

Main Function:

DIVX/DVD/MP4/VCD/CD/MP3
 Touchscreen
 USB/SD
 AM/FM/RDS
 Analog TV /DVB-T (optional)
 Bluetooth
 GPS
 Can-Bus (optional)
 3G/WIFI (optional)
 Mirror Link (optional)

Display APP (Mirror Link) feature
 support all Android System Cellphone.

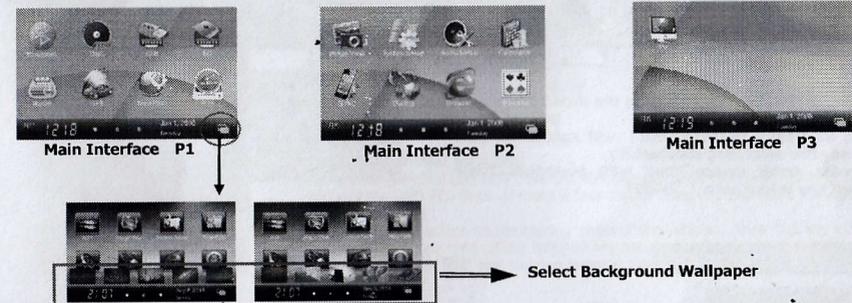
Function:

- 6.2/7.0/8.0 inch 800*480 HD LCD Display and 3D dynamic revolving interface.
 (Mstar MST2531,32-BIT,ARM-CORTEX A7,WinCe 6.0,CPU:800MHZ,DDR3:128M,Nand Flash:128M)
- Resistive touchscreen.
- Support format: DIVX/MP4/DVD/VCD/MP3/CD/CD-R/CD-RW/JPEG/WMA/AVI compatible.
- Built-in AM/FM/RDS receiver system 30 stations memory.
- Auto store & preset scan.
- System language: Simplified Chinese, Traditional Chinese, Germany, English, Russian, Spanish, French, Portugues, Turkish, Arabic, Hebrew, Thai, Iranian, Italy and more.
- Support background wallpaper freedom select replace, or import from image view. (pixel: 800 * 480)
- Support car logo can freedom select replace.
- Show Date, Time, Week function on TFT screen.
- USB/SD/MMC interface. (T-Flash up to 32GB)
- 45W * 4 high power output.
- Audio input & output, Video input & output.
- Rear camera input, Parking video input.
- Built-in GPS Navigation system, support IGO, Garmin, Navitel, Route66, Polnav, Roadcon, Merga...
- External USB OTG, support connect Android system cellphone, WIFI Adapter, 3G Dongle.
 (without Wifi Adapter, 3G Dongle) (optional)
- Built-in TV system. (optional item: Analog TV, DVB-T, ISDB-T etc).
- Built-in Bluetooth function: Direct Dialing, Caller Records, Phone-book, BT music etc.
- Universal steering wheel control.
- Built-in Calculator.
- Built-in small GAME: Paper card Solitaire & Puzzle.
- Built-in Compass, support appear Vehicle speed, GPS satellite number and more information.
- Can-Bus information. (optional)
- Support Mirror Link (Display APP) information (All android system Cellphone Music, Image, Video, Film online, TV online, cellphone Navigation < Smartphones rich GPS map resource, unlimited updates >, Play Game, Browse Web, Wireless can synchronization appear on the DVD screen, and can touch control these programme of Cellphone on the DVD screen)

Front Panel Operation

- SRC-VOL:** press knob turn on power, then press it into switch mode, long press it turn off power. Spinning into adjust volume
 - MUT:** press knob can mute; pinning into adjust volume
 - NAVI:** press it enter navigation, press the key for another time to exit navigation display, now navigation will continue working in the background
 - HOME:** Press it return to main interface
 - SEEK:** Turn the knob can switch program
 - ▲:** Short press to up the panel, long press it can Increase the volume (VOL+)
 - ▼:** Short press to down the panel, long press it can decrease the volume (VOL-)
- Remark: Any buttons on the Panel can turn on machine power. But if you will turn off power, you must long press SRC button!

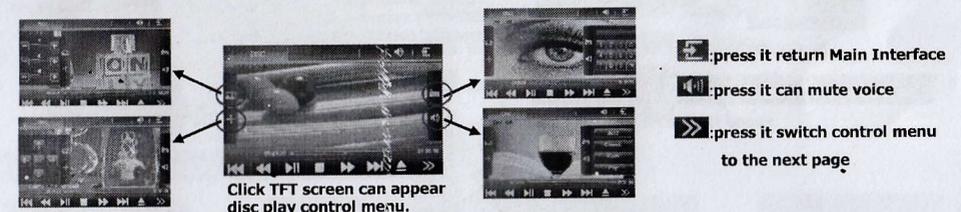
Main Interface Introduction



First . Radio Operation

- :press it return main
- :press it can turn off TFT- LCD
- :press it can switch Radio band
- :press it can return Main Interface
- :press it can mute voice
- :Press 1-2 seconds, then release hand can start search radio program

Second . DVD Operation



Third . USB & SD Play Operation

:press it return Main Interface
 :press it can mute voice
 :press it switch control menu to the next page
 Press **ESC** can appear USB/SD play control menu.

Fourth . Bluetooth Operation

Create Bluetooth Bond:
 1. Enter into Bluetooth mode.
 2. Use your cellphone and turn on the Bluetooth, Search the bluetooth device .
 3. The BT device (Name:CarKit) will appear on your cellphone after searching successfully.
 4. Create carkit device bond with bluetooth, Create password key is four zero ("0000") .

Click can download mobile phonebook; The phone will appear download request, please make sure, then we can start download the phone book.

Fifth . AUX Operation

:press it can return Main Interface
 :press it can mute voice

Sixth . Analog TV Operation

:return main interface
 :mute voice
 :Scan TV program
 :select TV audio & color system:
 NTSC . PAL-I . PAK-DK . PAL-BG . PAL-M . PAL-N . SECAM-DK . SECAM-BG

Click TFT screen can appear TV control menu.

Seventh . Audio Setup Operation



Eighth . System Setup Operation

System Setting-P1 **System Setting-P2**

General **General-Basic Setting** **General-Screen saver**

Date & Time Setting **Language Setting** **Restore Factory Setting**

Steering Wheel Setting:
 1.If the original cart only have one steering wheel control cable, connect preference KEY1 of the DVD RCA lines .If there is two control lines, one pair KEY1 , two pairs of KEY2.
 2.Click Reset .
 3.Long hold button on the teering wheel of the Vehicle , then click key icon on the dvd screen, background color of the selected key becomes yellow, indicating setting the key success. Last click exit steering learning interface, the key role of the steering wheel.

(optional)

Calibration

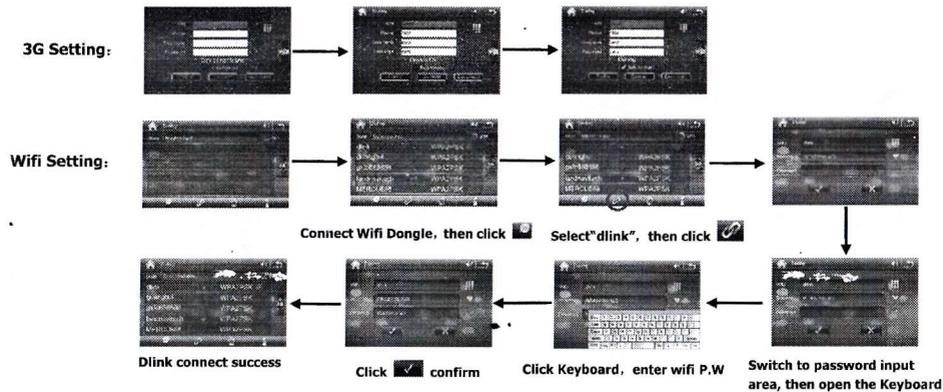
Ninth . Image View & Background Setting Operation

: the file package : Restored to original size
 : Rotate Left : Autoplay
 : Rotate Right : Set as Background
 : Enlarge : Previous image
 : Narrowing : Next image

Tenth . Navigation Path Setting Operation

Main Interface P2 **Select Maps File Pckage** **Select Maps Install File: Navigation.exe (Resolution:800*480)**

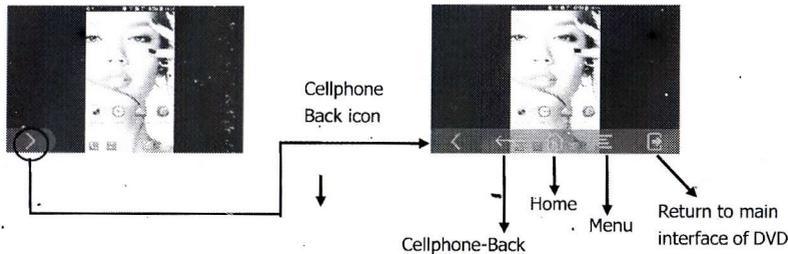
Eleventh . Dialing(3G & Wifi)setting Operation



Tweleth . Mirror Link Operation

When you will use MirrorLink function,

1. Cellphone band with dvd BT device(name:carkit) (Remark : Voice of cellphone through Bluetooth of DVD machine , transmitted to the speaker of the Vehicle !)
2. Cellphone original cable connect with DVD USB cable and Cellphone
3. Click **SYNC** icon (: on the Page2 of DVD Main interface) enter into cellphone mirror link mode
4. Then you can touch operation cellphone programe on dvd TFT-screen:Music play, Vedio play, navigation, Viewing pictures, Browse Web, Play Games, Watch films online and more programe.



Phone connection wizzard: Turn on USB debugging of cellphone,otherwise the phone can't connect successfully

Remark :

1. **If the option is not available in your device ,select "About Phone",then press "Android Version" or "Version" 8 times to bring out the option.**
2. **When SYNC connect successfully, if appear " Drive Mode ", please turn off it !**

Circuit Connection

POWER Cable						RCA Cable					
10	9	8	7	6	5	2	4	6	8	10	12
20	19	18	17	16	15	1	3	5	7	9	11
1	Model	Color	Nº	Model	Color	1	Model	Color	Nº	Model	Color
1	FR+	Grey	11	RL+	Green	1	FL OUT	White	2	RL OUT	White
2	FR-	Grey+Black	12	RL-	Green+Black	3			4		
3	FL+	White	13	RR+	Purple	5	RL OUT	Red	6	RR OUT	Red
4	FL-	White+black	14	RR-	Purple+Black	7	Sub Out	Green	8	AUX L IN	White
5	ACC	Red	15	GND	Black	9			10		
6	ANT-CONT	Blue	16	BATT +12V	Yellow	11	AUX V IN	Yellow	12	AUX R IN	Red
7	LED KEY	NC	17	AMP-CONT	Blue+White	13	V OUT 2	Yellow	14		
8	CAN-TXD	White	18	CAN-RXD	Green	15	V OUT 1	Yellow	16	CCD V IN	Brown
9	KEY1	Pink	19	KEY2	Orange+White	17			18		
10	BRAKE	Green+White	20	BACK	Brown	19			20		

Installation Notes :

1. **ACC(color - Red), BATT +12V(color - Yellow): This two lines can not be reversed, otherwise don't saved settings of DVD, don't save radio station phenomena after machine shutdown .**
2. **BRAKE :** Connect car handbrake line .(When you driving, you can't watch vedio.When only pull the handbrake parking, you can watch vedio, otherwise affect driving safety)
3. **FL+/-, FR+/-, RL+/-, RR+/- :** Speaker of the positive and negative can not pick the wrong, otherwise the sound is not normal.
4. **ANT-CON :** If the original radio antenna of car is active, we should take the DVD ANT-CON, otherwise the antenna has no effect.
5. **AMP-CONT, ANT-CONT don't need use, please do not let bare copper wire, otherwise contact with other metal will occur short circuit, even burn DVD machine.**

Specification

General	Power Requirements.....11.5~14.5V
	Load Impedance.....4Ω
	Max Power Output.....45W×4
	Tone Controls.....±8dB(Bass 100Hz,Treble 10KHz)
	Mounting Dimensions.....Approx .178×100×160mm(dxwxh)
	Resolution.....800×3(RGB)×480
DVD Disc Specion	Disc Played.....DIVX\MP4\DVD, VCD, MP3, CD, CD-R, CD-RW, PICTURE-CD
	Video System.....AUTO, PAL, NTSC
	Mounting Angle.....0 ~+/-30°
Video Specion	Video Played.....AVI, WMV, 3GP/MP4, MOV, MPG, VOB, MKV, FLV, TS, TP
	Video System.....16:9Letter Box and 16: 9 Pan Scan
	Video Output Level.....1.0Vp-p75 ohms
	Horizontal Resolution.....500
Audio Specion	Audio Played.....MP3,MP2,WMA,AAC,OGG,WAV,FLAC,APE
	Maximum Output Level.....2Vrms(+/-3dB)
	Frequency Response.....20 to 20 KHz
	Signal-to-noise Ration.....85 dB
	Separation.....80 dB
AM Tuner Specion	Frequency Range.....522-1620(Europe\China), 530-1710 (U.S.A)
	IF Range.....450MHz
	Usable Sensitivity(-20 dB).....25 Db
FM Tuner Specion	Tuing Range.....87.5-108(Europe\China),87.5-107.9(U.S.A)
	IF Range.....10.7MHz
	Usable sensitivity(-30dB).....5dB
	Signal-to-noise-Ratio.....60dB
	Stereo Separation.....30dB(1KHz)