

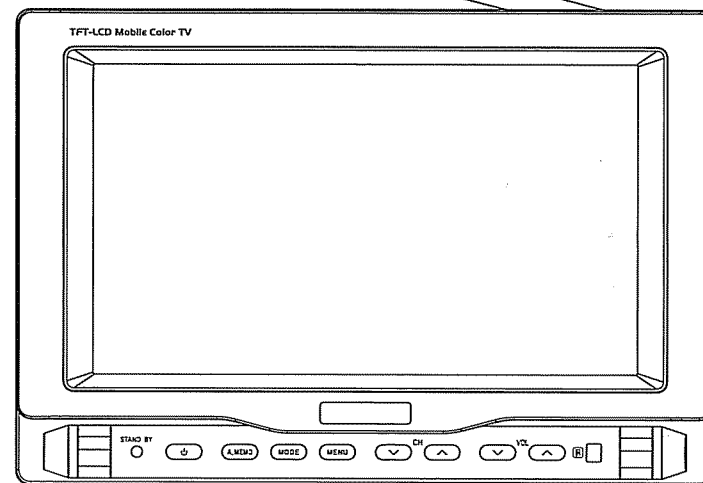
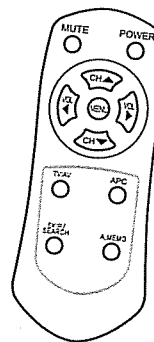
Specifications

Channel	AIR : 2 ~ 69CH, CATV : 1~125CH
Screen Size	7 inch
Antenna	External Antenna Impedance 75 ohm
Sound Out Put	0.3W MAX
Speaker	32 ohm 0.3W
Power Requirements	DC 12V
Power Consumption	10W
Dimension	176(W) X 124(H) X 25(D) mm / 6.9"(W) X 4.8"(D) X 0.9"(H)

Note : This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

OWNER'S MANUAL

TFT-LCD Mobile Color TV



46M07KRXM18-DY-0251

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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CAUTION

Please read and observe all warnings and instructions in this owner's manual and those marked on the unit. Retain this booklet for future reference.

There are two kinds of alarm symbols as follows:



WARNING

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



CAUTION

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.



WARNING



The driver should never operate these products while the vehicle is in motion!



Be careful not to overload your cigarette lighter plug by adding more than one device at a time.



Installation of all TV monitors must be out of the driver's field of vision!



Use extra caution with any liquids in your car. If you or your child spill any liquid on these products, pull your vehicle to the roadside and turn the key off to disconnect or wipe the products with a towel. Do not operate the equipment until all liquids have either evaporated or you have had the monitor inspected at a service center by a qualified technician. Severe harm or death can occur!



Do not try and service these products yourself, seek only a qualified service center or factory service center.



Be careful not to drop or apply undue pressure to the front panel of your video monitor. If the screen cracks due to misuse your warranty will be void!



Use only a damp cloth to clean the screen and use only purified water on the cloth, wring out all excess water prior to wiping the screen. Do not use any cleaners or chemicals to clean the screen. In most cases a dry cloth will do!



Make sure to keep products away from heater ducts or vents and out of direct sunlight. Do not mount forward of the driver's shoulders.



Do not mount the product where it will obstruct the deployment of the airbag or in an area where it would affect the vehicular control. Also be careful to avoid mounting the product where it can become hazardous during sudden stops or in the event of an accident.

CAUTION



CAUTION



Quality installations are best performed by qualified and certified installers.



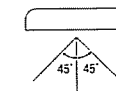
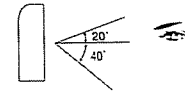
Watching the monitor for an extended period of time without the engine running may deplete the vehicle's battery charge.



This product is designed for operation with a 12 Volt DC, negative ground vehicle. It is not suitable for operation under other conditions or voltages.

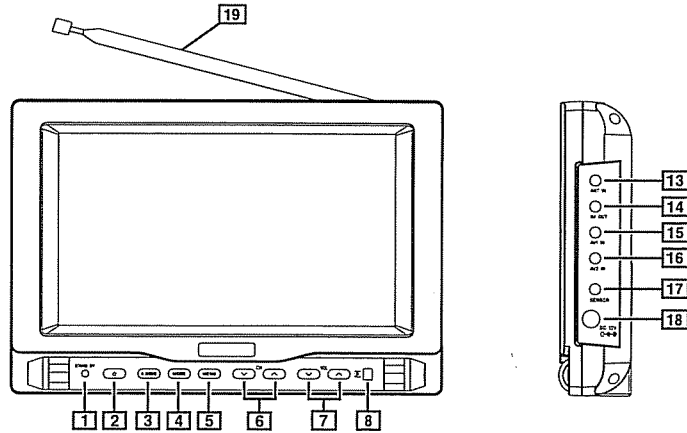
Check Point

1. The operating temperature of this product is limited to -20°C ~ $+80^{\circ}\text{C}$. Your vehicle can reach temperatures up to 100 degrees centigrade in the summertime.
2. From time to time when your vehicle extremely hot or cold you must allow time for your air conditioner or heater to cool or heat the vehicle to operating temperatures to return to normal operating ranges. Your monitor will return to its normal functions when these operating ranges are achieved.
3. Your optimum picture quality is achieved when you are directly in front of the monitor (+/-30 degrees).

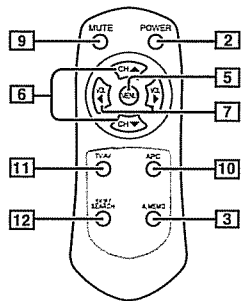


Name And Function Of Each Parts

Unit



Remote Controller



- 1] STAND BY (Power ON / OFF indicator)
- 2] POWER button (Power ON / OFF)
- 3] A.MEMO button
(Present channel display and quick channel memory)
- 4] MODE button (Select TV/AV mode)
- 5] MENU button
(Channel setting, Picture adjustment, Input selection)

- 6] CH UP/DOWN button
(Channel and selection button in each mode)
- 7] VOL UP/DOWN button
(Volume control and adjustment button for each menu)
- 8] [R] (Remote Control Eye)
- 9] MUTE button (Mute function)
- 10] APC button (Automatic picture adjustment)
- 11] TV / AV button
(TV reception or external input selection)
- 12] SKIP/SEARCH button (Only TV mode)
(SKIP : Select the memorized channel
SEARCH : Select every channel)
- 13] ANT IN Slot
- 14] AV OUT Slot
- 15] AV1 IN Slot
- 16] AV2 IN Slot
- 17] Rearview Camera or Parking Brake Sensor
- 18] DC 12V Input
- 19] ROD ANT

Watching the TV

TV Mode Select

☺ This function is to switch TV/AV mode.

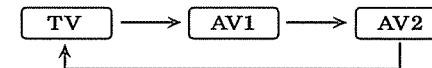
1. Make **SETUP** menu displayed by pressing the **MENU** button.
2. Make **Input** menu by pressing the **CH V/Λ** buttons on the unit or the **CH ▲/▼** buttons on the remote control.

SETUP	
Input	AV2
FM TX	88.3MHz
Screen	Wide
Back View	All Off
Blue Back	Off

3. Select the desired **TV** mode by pressing the **VOL V/Λ** buttons on the unit or the **VOL ◀/▶** buttons on the remote control.

SETUP	
Input	TV
FM TX	88.3MHz
Screen	Wide
Back View	All Off
Blue Back	Off

◆ TV/AV button is same function on the remote control, whenever press the button, change as follows;



Switch TV Source

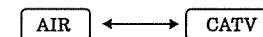
☺ This function is to TV Source.

1. Make **TV** menu displayed by pressing the **MENU** button.
2. Make **System** menu by pressing the **CH V/Λ** buttons on the unit or the **CH ▲/▼** buttons on the remote control.

TV	
Channel	12
Add/Del	Add
Auto Memory	▶
Skip/Search	Skip
System	AIR

3. Select the desired **TV Source** by pressing the **VOL V/Λ** buttons on the unit or the **VOL ◀/▶** buttons on the remote control.

TV	
Channel	12
Add/Del	Add
Auto Memory	▶
Skip/Search	Skip
System	CATV



Watching the TV

Channel Auto Memory

⊙ This function is to memory the TV channel automatically.

1. Make **TV** menu displayed by pressing the **MENU** button.

TV	
Channel	12
Add/Del	Add
Auto Memory	▶
Skip/Search	Skip
System	AIR

2. Make **Auto Memory** menu by pressing the **CH V/Λ** buttons on the unit or the **CH ▲/▼** buttons on the remote control.

3. TV channel will be automatically memorized by pressing the **VOL Λ** button on the unit or the **VOL ▶** button on the remote control.

11	
AUTO MEMORY	◀ STOP

◆ Press the A.MEMO button on the remote control for Auto channel memory.

◆ Press the **VOL ▼** button on the unit or the **VOL ◀** button on the remote control for stopping Auto Memory.

Channel Add/ Del

⊙ This function is to add or delete the desired channel.

1. Make **TV** menu displayed by pressing the **MENU** button.

TV	
Channél	12
Add/Del	Add
Auto Memory	▶
Skip/Search	Skip
System	AIR

2. Make **Skip/Search** menu by pressing the **CH V/Λ** buttons on the unit or the **CH ▲/▼** buttons on the remote control.

3. Select the desired **Search** mode by pressing the **VOL V/Λ** buttons on the unit or the **VOL ◀/▶** buttons on the remote control.

TV	
Channel	12
Add/Del	Add
Auto Memory	▶
Skip/Search	Search
System	AIR

◆ Skip : Select the memorized channel
Search : Select every channel

Watching the TV

4. Make **Channel** menu by pressing the **CH V/Λ** buttons on the unit or the **CH ▲/▼** buttons on the remote control.

TV	
Channel	5
Add/Del	Add
Auto Memory	▶
Skip/Search	Search
System	AIR

5. Select the desired channel to Add/Del by pressing the **VOL V/Λ** buttons on the unit or the **VOL ◀/▶** buttons on the remote control.

TV	
Channel	5
Add/Del	Add
Auto Memory	▶
Skip/Search	Search
System	AIR

6. After select the desired channel, select **Add/Del** mode by pressing the **CH V/Λ** buttons on the unit or the **CH ▲/▼** buttons on the remote control.

◆ ADD : Add the channels those are not in the memorized channels.
DEL : Delete the channels those are not in the memorized channels.

TV	
Channel	5
Add/Del	Del
Auto Memory	▶
Skip/Search	Search
System	AIR

7. Select to Add/Del the channel by pressing the **VOL V/Λ** buttons on the unit or the **VOL ◀/▶** buttons on the remote control.

Select Channel

◆ If there is no channel memory and selected "Skip Mode", displayed "EMPTY MEMORY" and unavailable to switch the channel. Please select "Search Mode" first and switch the channel.

Skip : Select the memorized channel
Search : Select every channel

TV	
Channel	12
Add/Del	Del
Auto Memory	▶
Skip/Search	Skip
System	AIR

Volume Control

◆ When there is no OSD menu, decrease or increase the volume by pressing the **VOL V/Λ** buttons on the unit or the **VOL ◀/▶** buttons on the remote control.

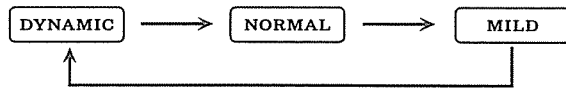
VOL	10
-----	----

Picture Control

Auto Picture Control

☺ This function is automatically to select screen condition.

◆ Whenever you press **APC** button, picture condition changes as follows.



DYNAMIC : Bright screen for the day time.

NORMAL : Normal position

MILD : Mild screen for the night time.

Manual Picture Control

☺ This function is manually to select screen condition.

1. Make **PICTURE** menu displayed by pressing the **MENU** button.

PICTURE	
Contrast	80
Bright	80
Color	70
Tint	50
Dimmer	50

2. Select the desired menu by pressing the **CH V/∧** buttons on the unit or the **CH ▲/▼** buttons on the remote control.

Highlight the desired function to change Contrast, Bright, Color, Tint and etc.

3. Control the desired screen conditions by pressing the **VOL V/∧** buttons on the unit or the **VOL ◀/▶** buttons on the remote control.

◆ **CONTRAST** : Select the brightness and darkness of feature and landscape.

BRIGHT : Select the brightness and darkness of screen.

COLOR : Select the heavy and light of color.

TINT : Select the natural condition of color.

DIMMER : Increase or decrease the brightness of back light on the LCD.

Picture Control

Screen Mode Control

☺ This function is to select the desired screen mode.

1. Make **SETUP** menu displayed by pressing the **MENU** button.

SETUP	
Input	TV
FM TX	88.3MHz
Screen	Wide
Back View	All Off
Blue Back	Off

2. Make **SCREEN** menu by pressing the **CH V/∧** buttons on the unit or the **CH ▲/▼** buttons on the remote control.

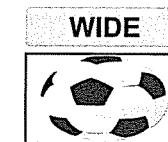
3. Select the desired **Normal/Wide** mode by pressing the **VOL V/∧** buttons on the unit or the **VOL ◀/▶** buttons on the remote control.

SETUP	
Input	TV
FM TX	88.3MHz
Screen	Normal
Back View	All Off
Blue Back	Off

◆ Each Mode will display as below;



The screen will be viewing at standard 4:3 ratio.



The screen will be to viewing at magnified 16 : 9 ratio.

Other Function

FM TX

⊙ This function is available to hear the sound through the automotive speaker. Matched headunit's FM frequency with FM TX's FM frequency and control the volume through Headunit.

1. Make **SETUP** menu displayed by pressing the **MENU** button.

SETUP		
Input		TV
FM TX		Off
Screen		Wide
Back View		All Off
Blue Back		Off

2. Make **FM TX** menu by pressing the **CH V/Λ** buttons on the unit or the **CH ▲/▼** buttons on the remote control.

3. Adjust the Radio frequency from **88.3MHz~90.1MHz** by pressing the **VOL V/Λ** buttons on the unit or the **VOL ◀/▶** buttons on the remote control.

SETUP		
Input		TV
FM TX	88.3MHz	
Screen		Wide
Back View		All Off
Blue Back		Off

4. After setting the Radio frequency, control the radio volume.

Blue Back

⊙ This function is to display the blue screen for no signal.

1. Make **MENU** menu displayed by pressing the **MENU** button.

SETUP		
Input		TV
FM TX		Off
Screen		Wide
Back View		All Off
Blue Back		Off

2. Make **Blue Back** menu by pressing the **CH V/Λ** buttons on the unit or the **CH ▲/▼** buttons on the remote control.

3. Select the desired **On** mode by pressing the **VOL V/Λ** buttons on the unit or the **VOL ◀/▶** buttons on the remote control.

On ←→ Off

SETUP		
Input		TV
FM TX		Off
Screen		Wide
Back View		All Off
Blue Back		On

- ◆ ON : Blue screen is displayed, there is no signal.
- ◆ OFF : Blue screen is not displayed, there is no signal.

Other Function

Back View

⊙ This function is to see the car rear territory through the Rearview Camera.

⊙ This function needs to install the Rearview Camera with monitor.

1. Make **SETUP** menu displayed by pressing the **MENU** button.

SETUP		
Input		TV
FM TX		Off
Screen		Wide
Back View		All Off
Blue Back		Off

2. Make **Black View** menu by pressing the **CH V/Λ** buttons on the unit or the **CH ▲/▼** buttons on the remote control.

3. Select the desired **Mir On** mode by pressing the **VOL V/Λ** buttons on the unit or the **VOL ◀/▶** buttons on the remote control.

SETUP		
Input		TV
FM TX		Off
Screen		Wide
Back View		Mir On
Blue Back		Off

4. When select Reverse gear and **Back View** is **Mir ON** or **Mir OFF**, rear territory will be displayed through Rearview Camera. When **Back View** is **Mir ON**, screen will be displayed horizontal reversed picture. When **Back View** is **Mir OFF**, screen will be displayed with no changes. (or swich **Input Mode** to **AV2**, rear territory will be displayed.)

◆ When Back View is Mir ON, screen will be displayed horizontal reversed picture.

◆ When Back View is Mir OFF, screen will be displayed with no changes.

ALL OFF : Off the Back View

Mir ON : When select the Reverse Gear, Screen will be displayed horizontal reversed picture.

Mir OFF : When select the Reverse Gear, Screen will be displayed with no changes.

5. Select other gear position, Mode will be changed.

◆ There is no change or workings, when Back View is displayed.

◆ When rearview camera is installed in the AV2, monitor will be display the rearview.

AV Mode

Input

⊙ This function is to select external device's signal.

1. Make **SETUP** menu displayed by pressing the **MENU** button.

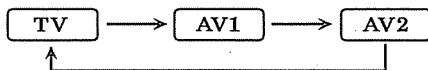
SETUP	
Input	TV
FM TX	Off
Screen	Wide
Back View	All Off
Blue Back	Off

2. Make **Input** menu by pressing the **CH V/∧** buttons on the unit or the **CH ▲/▼** buttons on the remote control.

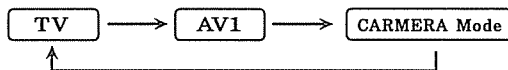
SETUP	
Input	AV1
FM TX	Off
Screen	Wide
Back View	All Off
Blue Back	Off

3. Select the desired **TV/AV1/AV2** mode by pressing the **VOL V/∧** buttons on the unit or the **VOL ◀/▶** buttons on the remote control.

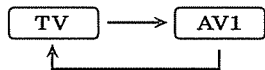
◆ This function is available to press TV/AV button on the remote control.
(Input mode will be changed as follow;



◆ When Back View is Mir ON or Mir OFF, press the TV/AV button on the remote control mode is displayed as follows;



◆ When Back View is Mir ON or Mir OFF, select Input on the OSD mode is displayed as follows;



Connection

