

# User's Manual

TFT WIDE LCD TV & MONITOR

TV-W0700



**TECHVILL** TECHVILL CO., LTD

Information to user : PART 15, PARAGRAPH 15.21 AND

15.105(b)

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

FCC Notice

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.

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.

# PRECAUTIONS BEFORE USE

- ❖ Read the manual for the safe operation of the product first before initial use.
- ❖ For best results, follow wiring diagram of products as shown in the manual.
- ❖ Because special quality of liquid crystal Panel, when act first time at low temperature such as winter, screen can be some darker.(become by normally brightness soon.)
- ❖ It is recommended not to touch LCD panel on the product with hands.
- ❖ Do not disassemble or modify the product, as it may cause accident, fire or electrical shock.
- ❖ Do not install the unit where it may interrupt driver or passenger in an abrupt stop or emergency.
- ❖ Set the volume to a moderate level, which will not prevent you from hearing outside noise such as emergency vehicles, trains, etc..
- ❖ To be operated in an automobile, the engine should be on, otherwise the battery may be discharged if used for an extended period of time
- ❖ Foreign matters and moisture in the product may cause a defect or decrease in quality.
- ❖ Do not watch TV while driving

## Content

### Precautions before use

Features of the products	1
Compositions of the products	2
Name & main functions of each part	3

### Basis use method

Composition Diagram of Menu	5
ON/OFF & Power supply	7
TV number or outside video reception selection	7
Channel selection	8
Volume control	8

### Application use method

Picture establishment	9
Function establishment	9
Setup establishment	10

### Product connection method

Product connection	11
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## Features of the products

- ♦ High definition low reflection TFT LCD applied (480\*R.G.B(W)\*234(H))
- ♦ FULL COLOR OSD (On Screen Display)
- ♦ High sensitivity electron tuning TV tuner input
- ♦ 12 ~ 18 V (Allowable)
- ♦ All functions are remote controlled by infrared system
- ♦ External antenna input function
- ♦ Function of External headphone
- ♦ Function of TV/AV (video) selection
- ♦ Function of FM TX
- ♦ External A/N input/output and Diversity connection
- ♦ Various screen mode (Normal, Full, Wide)
- ♦ High view angle

### Composition confirmation

- ♦ Confirm whether content of product that buy agrees with below picture



TV OR MONITOR



Full-function remote control and battery



A Household DC Adapter (12V)



A Cigarette Adapter (12V)  
for vehicles



A Stands for deferment



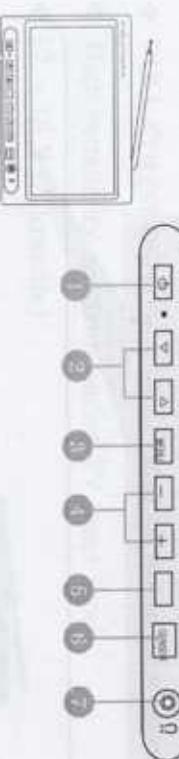
A Owner's Manual

## Compositions of the products

- \* Among above list, if there is part that fall agency which buy or to inquire in the customer support center desire.

# Name & main functions of each part

Front



① SOURCE

Power's ON/OFF button and TV/AV/VIDEO conversion button of 2

② CHANNEL (- CH +) [SEL]

TV channel UP/DOWN function and button that select copy menu in menu list

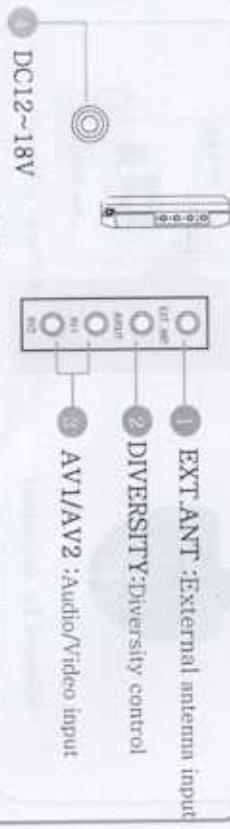
③ MENU [MENU]

Button that display menu list on screen or take away

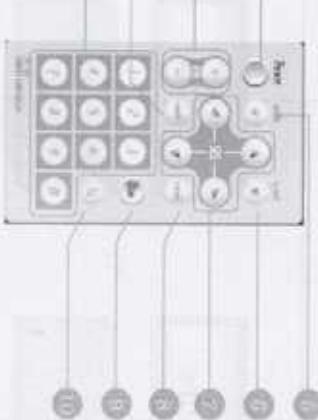
④ VOLUME (- VOL +)

Button that do volume control, and move to wealth menu or control substance

Side



Remote Control



⑤ MODE (Mode )

Can change state of screen.  
(Normal, Full, Wide)

⑥ Remote Sensor Window

TV channel UP/DOWN function and button that select copy menu in menu list

⑦ Q

HEAD PHONE

⑧ POWER : Power's ON/OFF button

⑨ VOL : Volume control button

⑩ Mute : Volume elimination button

⑪ Channel selection button : Select channel that want using number button.

⑫ Mode : State of screen alteration.

⑬ V.sel : Choose TV sign and signal reception of outside video.

⑭ SEL : UP/DOWN of channel and control button of contents

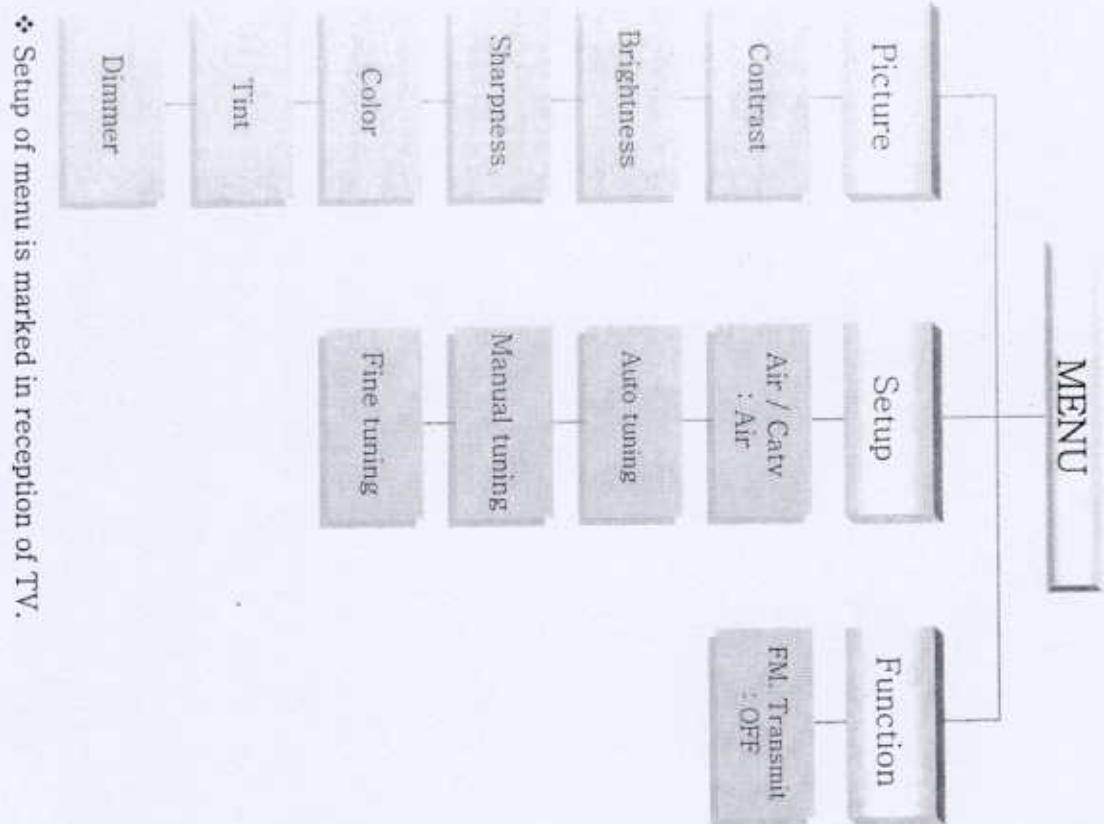
⑮ MENU : Display on screen or remove menu list

⑯ SCAN : This saves and find receiving channel automatically

⑰ TX : Hear voice of received TV or video by CAR Audio

Portable Adapter JACK connection  
CIGGER JACK connection for vehicles

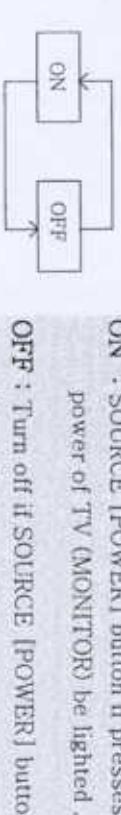
# Composition Diagram of Menu



# Basis function

- ❖ [ ] is remote control button

## ON/OFF of power



Green color lamp Red color lamp

(About 2 seconds) long or remote control [POWER]

- Red color lamp emits light continuously in interval that power is linked(STAND-BY)

## TV reception or outside video signal reception select

- Press SOURCE [V.SEL] button
- Whenever press button, reception selection is changed



## At TV reception

- Selected channel is marked on the screen right side top portion and disappears after about 10 seconds

## At external video reception

- Selected video at present is marked on right side, and moves OFF in STAND-BY state being done automatically all if there is no signal more than 3 minutes

• This time, even if signal enters, display does not turn. Must do power ON again

- ❖ Setup of menu is marked in reception of TV.

- If turn off power, SOURCE selected on last is stored being remembered, and if turn on power, screen of state is marked before switch off.

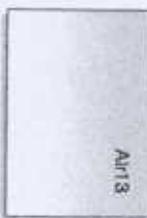
# Application use method

❖ [ ] is remote control button

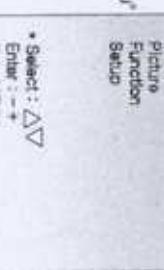
Can use built-in function conveniently depending on user environment if use menu.

## Menu

- Move to channel that want using ▽CH △ button of TV or SEL of remote control or number.



- 1 Press the "MENU" or "Remocon" button on TV, then appear "Main Menu" on display
- 2 Move to one of the Main Menu by "CH▽ [SEL△▽]" up down key and select by " VOL + [ SEL △▽ ]" key
- 3 Control Volume by " VOL + [ SEL △▽ ]" key



## Picture

Control color that want using below copy menu.

- Contrast : Control light and darkness of screen
- Brightness : Control brightness of screen
- Sharpness : Control sharpness of screen
- Color : Control color of screen
- Tint : Control color density of screen
- Dimmer : Control back lights brightness



## Volume control

- If press VOL - , VOL + button of TV and remote control, Volume is marked and can control bulk of volume on screen

• If press once → Volume by step increase or decrease.

• If is pressing continuously → By step every 0.5 seconds increase or decrease.

× Volume extent : 0 ~ 63

## Channel selection (act in TV reception)

- If press shortly → Remembered channel acts by UP/DOWN.
- If press long → Move to channel with high position of channel or low rank broadcasting present.

× Is acted in TV reception mode.

## Function

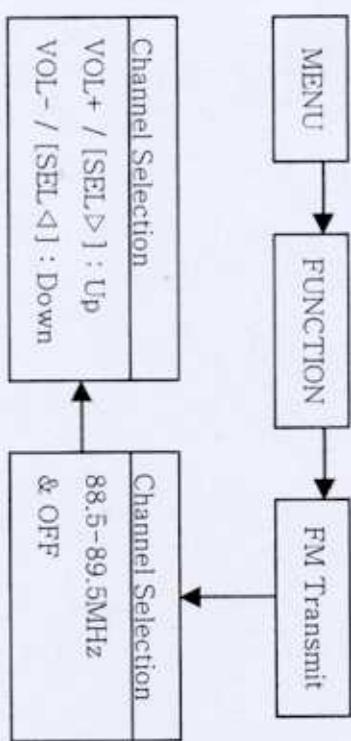
- FM Transmit (FM TX) : Is function that can receive voice by Car Audio (FM)

FM Transmit : 88.9

- Frequency of car audio (FM) (88.5-90.5MHz ~ by frequency that there is no signal between 89.5MHz control)
- Antennae frequency of FM Transmit with car audio.
- Can catch voice of TV, video through car audio.
- If do not want use, Select OFF

FM Transmit : OFF

- FM Transmit Tuning Procedure

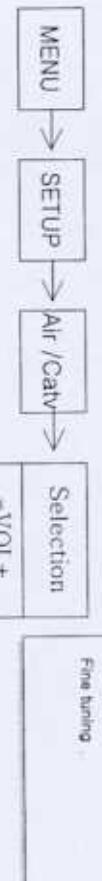


## SETUP

- Setup operates in TV reception.

\*Setup  
Air / Catv : Air  
Auto tuning  
Manual tuning  
Fine tuning

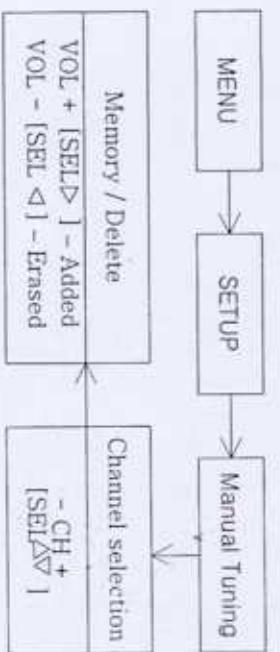
- Air/Catv :  
This selects airwaves (general TV) and CATV channel.



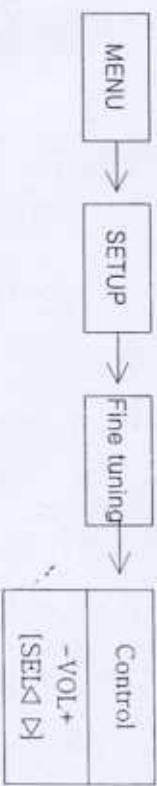
- Auto Tuning [SCAN] : This find and remember the received channel automatically.



- Manual Tuning : This Find received channel manually, and memory or delete



- Fine Tuning : Can control received channel finely



## Product connection method

## Product connection diagram

