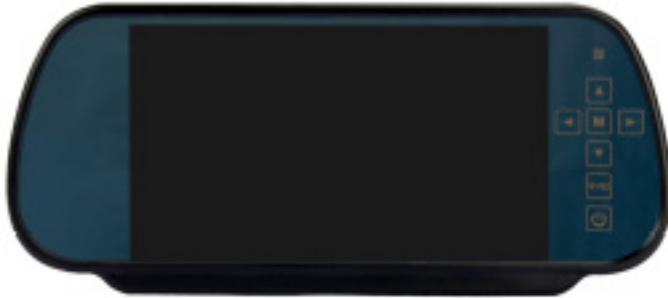




**7" Mirror Monitor Kit
Part 0-775-47**



Before using this unit please read these instructions carefully. Take special care to follow the warnings indicated on the unit itself as well as the safety suggestions listed below. Keep these instructions for future reference.

PRECAUTIONS

- ***Power Source** -The monitor should be connected to a 12 - 24 volt de power supply only.
- ***Water and Moisture** -Do not use the monitor where it may be subject to water ingress or excessive moisture. Do not use outside the vehicle unprotected.
- ***Heat** -Do not install the monitor or camera near a direct heat sources.
- ***Ventilation** -The monitor should be situated to allow free circulation of air.
- ***Foreign Material** -Care should be taken so that objects do not fall onto or into, and that liquids are not spilled on the monitor.
- ***Mounting Surface** -The monitor should be mounted to a strong secure surface.
- ***Replacement Parts** - Use only manufacturers replacement specified parts. Unauthorised substitutions may result in fire risk, electric shock or other hazards and will void the warranty.
- ***Service** -The user should not attempt to service this units beyond that described in the operating instructions. There are no user-serviceable parts within the unit.
- ***Isolation** -When fitting to an isolated earth vehicle the camera and monitor bracket must also be electrically isolated from the vehicle chassis. If interference is experienced on earthed chassis vehicles electrically isolating the camera from the chassis should eliminate the interference.
- ***Screen Protective Film** - Remove the LCD screen protective plastic cover before use.

FEATURES

- 7" High resolution colour TFT-LCD LED Backlit Monitor.
- DC 11V-32V Input, suitable for all kinds of vehicles and equipments.
- Monitor Brightness 400cd.
- Reverse Polarity Protection.
- LED backlight display With constant voltage constant current circuit protection design.
- ESD protection circuit design.
- Monitor OSD menu can set each camera image in 4 different modes:NOR/MIR/UP/DOWN;the priority for each channel.Timer delay 0-30seconds.
- 11 Optional Languages.
- High shock resistance rating:BG.
- Camera designed to protect against camera oxidisation.

Notice:

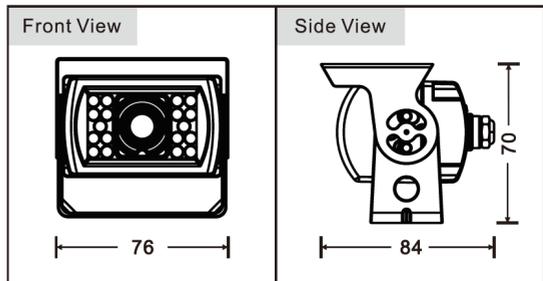
- Before using product please read this manual carefully first.
- Monitor is not waterproof please avoid ingress.
- Do not attempt to open camera or monitor for repair as this will void warranty.
- Please do not use caustic chemicals to wipe the camera or monitor

MONITOR SPECIFICATIONS

- Display: 7-inch-high resolution digital TFT LCD display with touch icon
- Screen resolution: 800XRGBX480
- View angle: L/R:70/70; U/D: 60/70
- Contrast Ratio: 500:1
- Luminance (nits): 400
- Response time(ms): 20
- Audio Output: 0.5W
- A/V input: two channels
- System: CVBS (PAL / NTSC) auto compatible
- Power supply: DC 11-32V
- Power consumption: ≤ 5W
- Working temperature: -20°C+60°C
- Storage temperature: -30°C+80°C

CAMERA SPECIFICATIONS

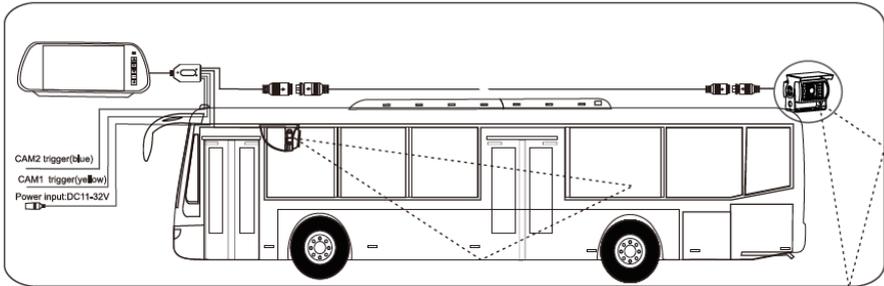
- Type: 1/3" Sony CCD 4140
- Voltage: 12VDC
- Sensitivity: 0 LUX with IR on
- S/N Ratio: 48dB
- Current Draw: 200mA
- Electronic Shutter: Auto
- Lens: f 2.8mm
- Video Output: 1 Vpp, 75 Ohm
- IP Rating: IP68
- Auto Gain Control: Yes



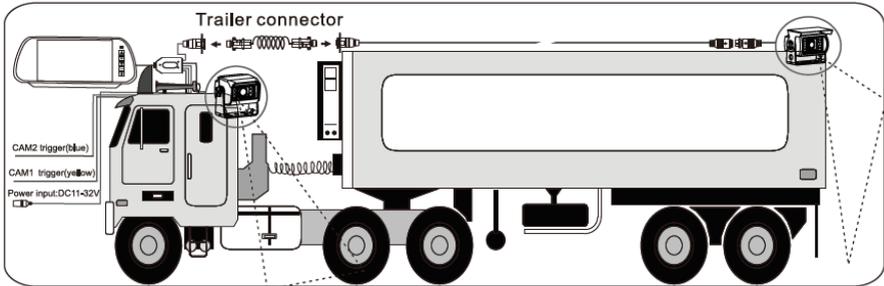
- Microphone: Yes
- Weight: 360g
- Dimensions: L 84 x W 76 x H 70mm
- Operating Temperature: -20°C to +70°C
- E Marked: ECE R10

SYSTEM DIAGRAM

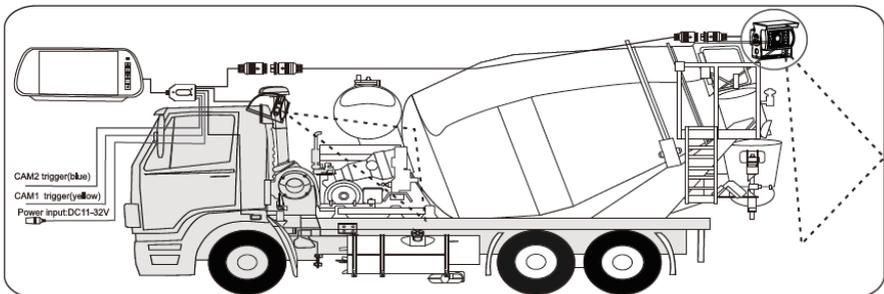
I. System connection diagram 1



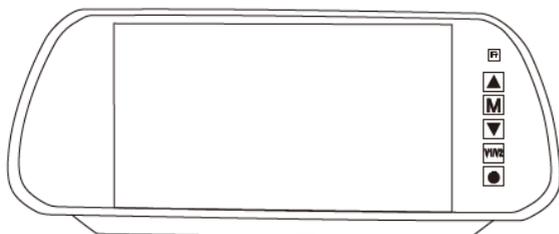
II. System connection diagram 2



III. System connection diagram 3

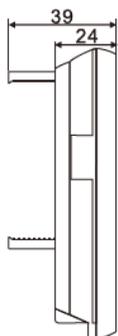


MONITOR APPEARANCE, DIMENSIONS AND CONNECTIONS

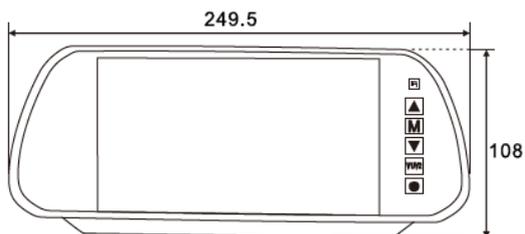


Touch key:

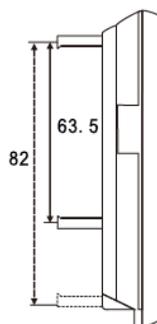
-  Blank
-  Left (volup)
-  Menu
-  Right (voldn)
-  CH Switch
-  Power



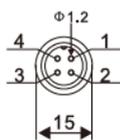
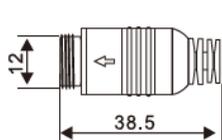
Right View



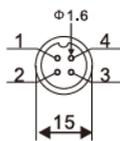
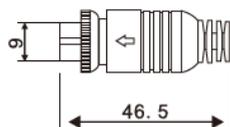
Front View



Bracket Size



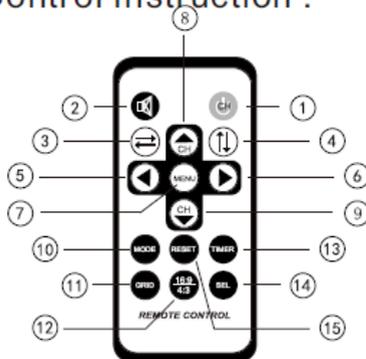
1	POWER
2	GND
3	AUDIO
4	VIDEO



MONITOR MENU OPERATION

FUNCTION	BUTTON	ADJUSTMENT
ON / OFF	⏻	-
Video selection	V1/V2	Cam 1 / Cam 2
Menu	M	MENU
Brightness	×1 Menu	▲ and ▼ to control
Contrast	×2 Menu	▲ and ▼ to control
Color	×3 Menu	▲ and ▼ to control
Language	×4 Menu	▲ and ▼ to selection
Zoom	×5 Menu	▲ and ▼ to selection
Rotate	×6 Menu	▲ and ▼ to selection
Reset	×7 Menu	▲ and ▼ to control

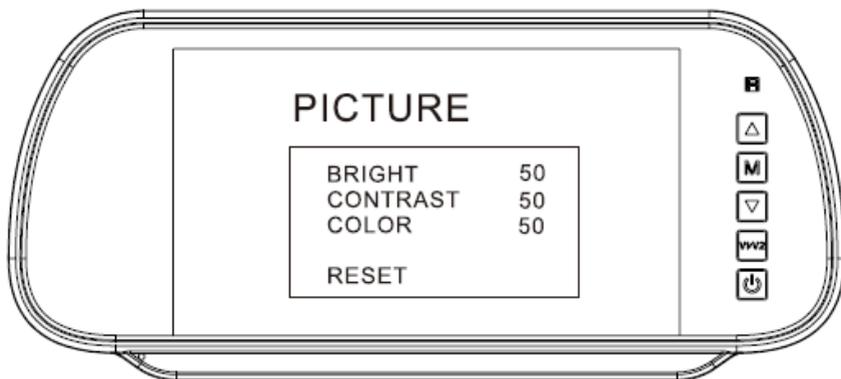
Remote Control Instruction :



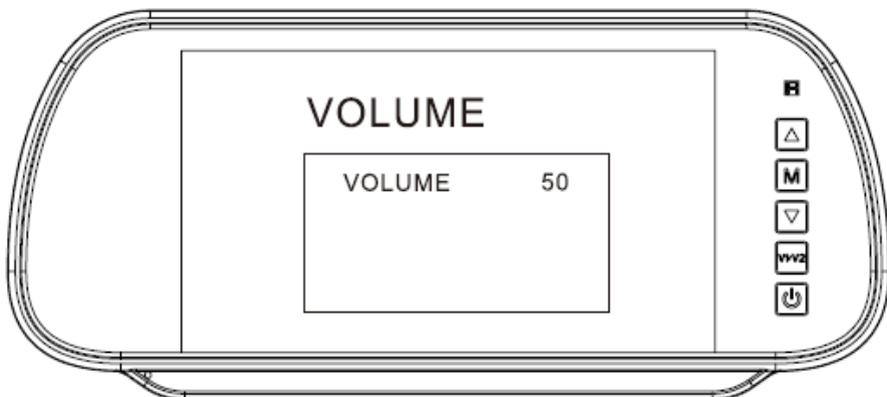
- | | |
|---|--------------------------|
| ① Power on | ⑨ Analog Decrease |
| ② Mute | ⑩ Mode |
| ③ Horizontal Mirror/Normal image option | ⑪ Grid Guide Line Option |
| ④ Vertical Mirror/Normal image option | ⑫ 16:9/4:3 Option |
| ⑤ Volume Down | ⑬ Timer (0-240 mins) |
| ⑥ Volume Up | ⑭ AV1/AV2 Switch |
| ⑦ Menu | ⑮ Reset |



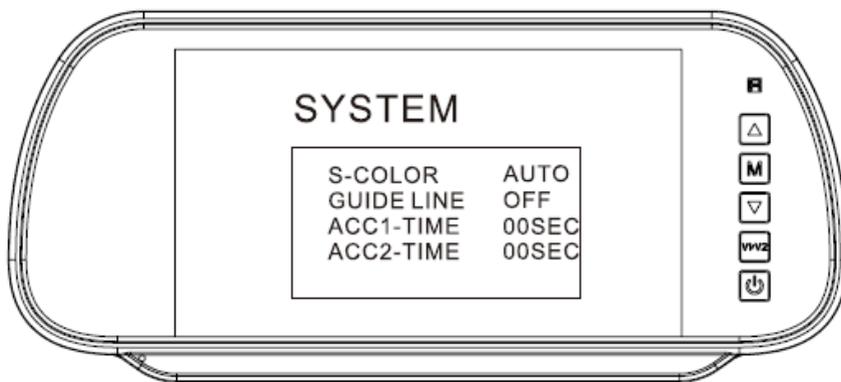
PICTURE: Adjust Brightness, Contrast and Color



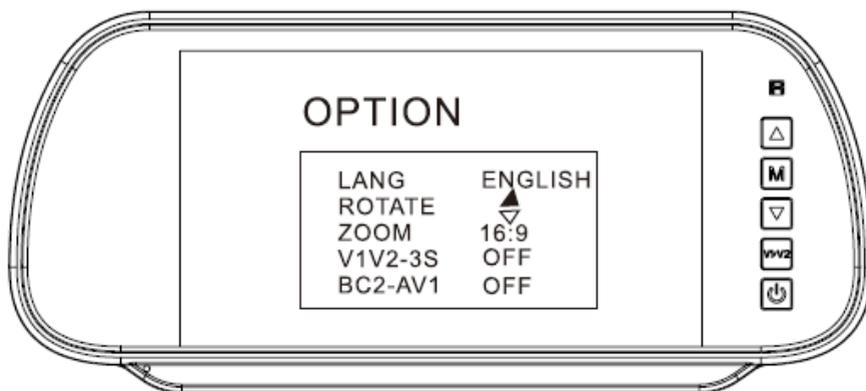
VOLUME: Adjust Volume



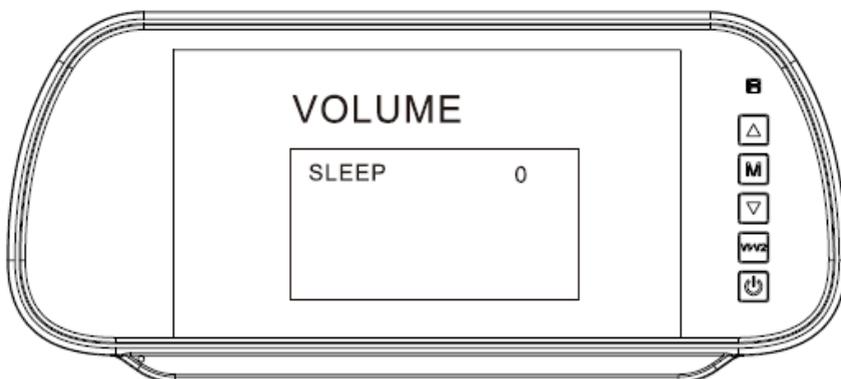
SYSTEM: Adjust S Color (PAL/NTSC), Reverse Lines ON/OFF, Adjust ACC1/2 Time Delay(Seconds)



OPTION: Language Select, Rotate Image, Zoom (Aspect Ratio), V1/V2 Delay, BC2-AV1



CLOCK: Sleep Mode set timer to sleep (10, 20 or 30Mins).



LOCK MODE:

Press and hold Menu for 2- 3 seconds and it will lock the screen and display LOCK
To unlock press and hold Menu for 4 – 6 seconds and it will display UNLOCK, if you release the button too soon it will display LOCK