

To get the highest quality images on this monitor the following are the recommended cameras.

Other cameras may be used although images may not be of the same quality and clarity.

CH-AHD4HD

Standard external, heavy duty camera with bracket mount.
Used at rear and sides.

CH-AHDSMEB

Surface mount camera for side of cab or body.
Used for side views and rear view.

CH-MSC.1

Small side view camera for mounting under mirrors.
Side view.

CH-AHDMBC

Mirror bracket camera for tubular side mirrors.
Side view.

CH-HPC1SB

Small box style camera with wide angle lens.
Used at rear, front and sides.

Extension Cables

Connection between cameras and the monitor require 4 pin extension cables which are available in variety of lengths.

Standard Extension Cables

1m | 2m | 4m | 7.5m | 10m | 15m

Heavy Duty Extension Cables

10m | 20m

For further information on any Chipatronic products, please contact our sales team.

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Quad Monitor Installation & Instructions



4 Channel Quad Display Monitor

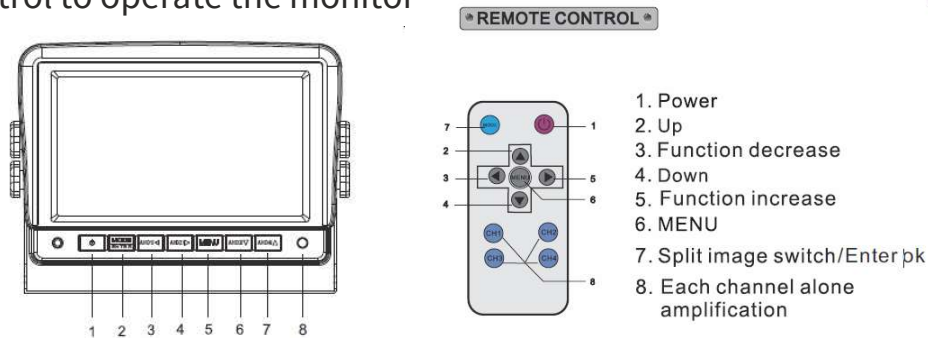
AHD ~ CVBS Video Compatible

CH-STQAHD7 7" | CH-STQAHD10 10.1"

Please read and retain these instructions

Monitor Controls

Use the touch buttons on the front screen or the Remote Control to operate the monitor



- 1.Power 2.Split mode&Enter ok
3.Left/AHD1 4.Right/AHD2
5.Menu 6.Down/AHD3
7.Up/AHD4 8.Remote window

Setup: Quad Monitors can be used with a combination of cameras and split screen displays. The default view is with 4 cameras shown in 4 same-size windows which is the Quad view but by using the Mode button on the front panel a user can select any one of the twelve available views which then becomes the default when the monitor is powered on. To change the view the recommend method is to use the trigger inputs to show either a single camera in full-screen or a combination of cameras in a multi-view screen. For instance, connect triggers 2 & 4 together and apply power (usually via a switch) and cameras 2 & 4 will be shown together. Remove the power from the trigger and the screen will return to the set display. Any combination can be made so one, two or three cameras can be shown together when required.

Note: The monitor will power up to the last settings which is why split screens are best done using triggers and not by the keys on the monitor.

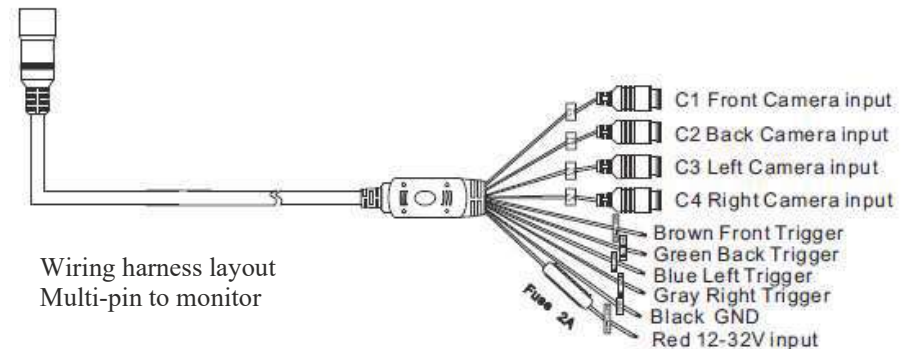
The **MENU** can be accessed using the touch button on the monitor or by the Remote Control included. Use the Up, Down, Left Right arrow buttons to navigate and change settings. Menu items: *Picture, Rotate, Blue Screen, Language, Auto Cycle, Acc Delay, Guidelines, Mirror Flip, Default, Version*
See Key Settings opposite for main functions that are commonly changed.
Please make a note of the original setting before changing this so that a return to the original setup can be done.



The driver should not attempt to access the menu while driving. Please ensure that the vehicle is safely parked before going into the menu.

Specifications

Display	7" or 10.1" High Resolution LCD Panel - 1024 x 600 Px
LCD Brightness	400cdm LED Backlight
Compatible Video System	V1, V2, V3, V4 AHD - CVBS Auto-detect 720P & 1080P
Control	By On-screen menu using touch buttons or remote control
Power	12/32 V DC - 6W
AV Inputs	4 Pin AV connections (male) with 12V power to camera
Triggers	4 Trigger wires for switched power 12/24V



Red **12/24V +** (Accessory or Ignition power) Use a **RunSwitch** to provide a clean power supply if required (12V only).
Black **Ground** Ensure clean connection
Trigger wires x 4 **See above diagram**. Always confirm the trigger is matched to the required camera. Triggers can be operated singly or in multiples to achieve different split screen views.

Key settings

To Use With Indicators as Side View

Choose the camera inputs for the LH & RH sides and connect the same triggers to the indicator circuit. Go to the **Menu** and use the ↓ (6) to go down the menu to the **Acc Delay** function and then → (4) where the delay after power removal is set. Change this to at least 3 Sec (max 20) so that the indicator flashing does not cause intermittent operation.

To Rotate the Screen View

Use the **Rotate** setting in the menu to turn the on-screen image, cycles through options.

To Add Guidelines

Use the **Guidelines** setting in the menu to add or remove guidelines for each camera.

Mirror Image Flip

Use the **Mirror Flip** setting to flip each camera if required.

Auto Cycle

Not normally used as this sets off a cycle through all cameras showing them in full-screen. Sometimes used for a monitoring application.