



7" DIGITAL TFT LCD  
ALL ROUND VISION MONITOR

# **MXN71A**

**OWNER'S MANUAL**

**MXN®**

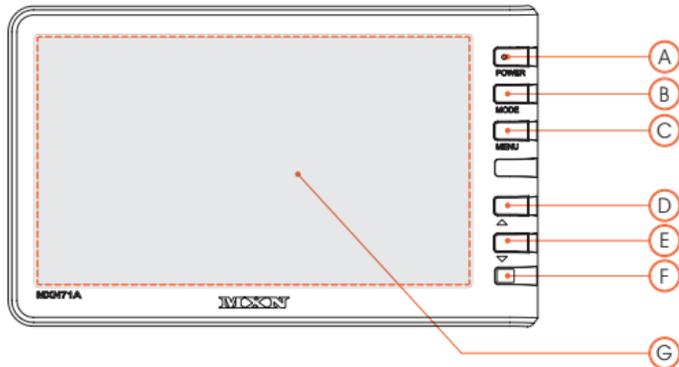


# SPECIFICATION

ITEM	SPECIFICATION
LCD Screen Size	7" Wide Diagonal
Dimensions	190(W) × 142(H) × 42.85(D)mm
Display dimensions	152.4 × 91.44mm
Power Input	DC 12 to 30 Volt Free Input
Power Consumption	12 Watt Max.
Video System	NTSC / PAL Auto Detection
Sync. System	Internal
Brightness	400 cd/m <sup>2</sup>
Display Resolution	800 × 480 pixel
Viewing Angle	Top: 50° . Bottom: 60° . Left: 65° . Right: 65° .
Color Configuration	RGB Stripe
Dimmer	Automatic / Manual
Speaker Impedance	8 ohm, 0.3 Watt Max.
Operating Temp.	-25°C ~ +75°C
Storage Temp.	-30°C to + 85°C
Impact Rating	4G
Camera Connector	4-pin mini DIN
Housing	Soft black / Pearl gray(ABS)
ON-Screen Display Control Functions	Volume · Brightness · Color · Contrast · Tint · CAM Trigger 1 · Auto Power · Distance marker · Auto Picture Scan · Dimmer · Language · Direction · Reset.
Supplied Accessory	Die-Cast Mounting Bracket / 1 pce, Screw Kit / 1 set, Manual, Power cable / 1 set
Weight	±330g



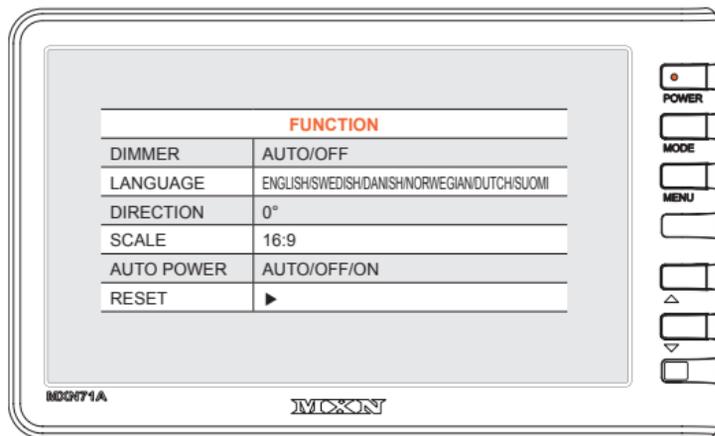
## OPERATION



- |   |                                     |   |
|---|-------------------------------------|---|
| A | <b>POWER</b>                        | Press [ <b>POWER</b> ] button to turn on/off the monitor.   |
| B | <b>MODE</b>                         | After pressing [ <b>MENU</b> ], press [ <b>MODE</b> ] to navigate downwards through the [ <b>MENU</b> ] options.  |
| C | <b>MENU</b>                         | <ul style="list-style-type: none"><li>• Press [<b>MENU</b>] once to open the <b>FUNCTION MENU</b>.</li><li>• Press [<b>MENU</b>] twice to open the <b>PICTURE MENU</b>.</li><li>• Press [<b>MENU</b>] 3 times to open the <b>CAMERA MENU</b>.</li><li>• Press [<b>MENU</b>] 4 times to open the <b>DISTANCE MARKER ADJUST MENU</b>.</li></ul> |
| D | <b>▲</b>                            | Press [ <b>▲</b> ] button to adjust monitor volume.<br>Use [ <b>▲</b> ] button to change OSD setting during system setting.   |
| E | <b>▼</b>                            | Press [ <b>▼</b> ] button to adjust monitor volume.<br>Use [ <b>▼</b> ] button to change OSD setting during system setting.   |
| F | <b>DIMMER DAY/NIGHT SENSOR(CDS)</b> | Automatic brightness control sensor.  |
| G | <b>VIEW AREA</b>                    |   |



# SYSTEM SETTING



## FUNCTION

### >>> DIMMER (Automatic Brightness Control)

Select **AUTO** or **OFF** to have Automatic or Manual brightness of the monitor.



**REMARK:** By activating **DIMMER AUTO** function, the monitor adjusts the brightness according to the environment.

>>> **LANGUAGE**

Provide 6 Multi-lingual OSD [ENGLISH, SWEDISH, DANISH, NORWEGIAN, DUTCH, SUOMI].  
Select the preferred **LANGUAGE**.

>>> **DIRECTION**

It has the function of Rotation for the Monitor Image. Select 0° or 180°.

>>> **SCALE**

This menu item control the aspect ratio of the picture. Select 4:3 to display the picture 4:3 ratio or select 16:9 to display the picture 16:9 ratio.

>>> **AUTO POWER**

Select monitor activation function as below.

**[AUTO]** Monitor keeps the last setting in memory.

**[OFF]** Monitor starts up 『**STAND-BY**』 mode automatically.

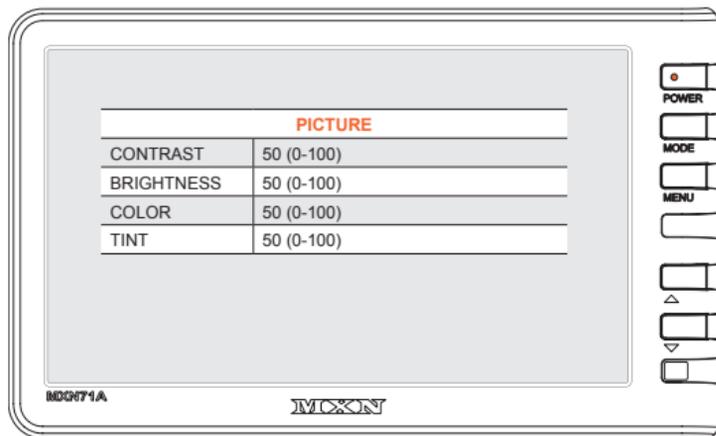
**[ON]** Monitor starts up 『**POWER-ON**』 mode automatically.

>>> **RESET**

Press 『▲』 button to go the factory default setting.

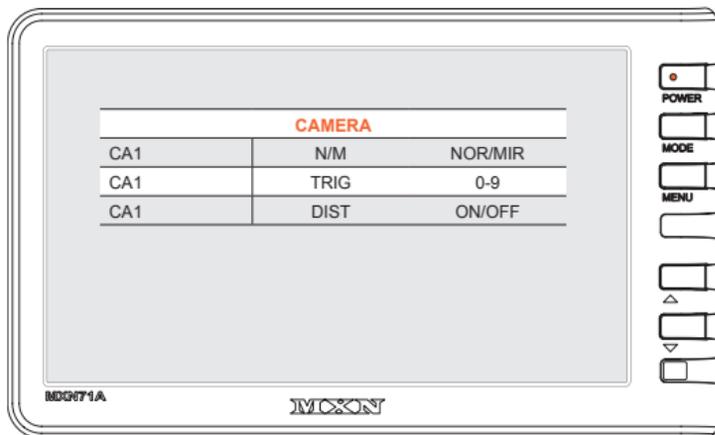


# SYSTEM SETTING



## PICTURE

Press [ ▲/▼ ] button to adjust preferred **PICTURE** of the monitor.



## CAMERA

### >>> NORMAL/MIRROR (N/M)

Each camera picture (CAM1) can be switchable as **NORMAL/MIRROR** image.

### >>> TRIGGER

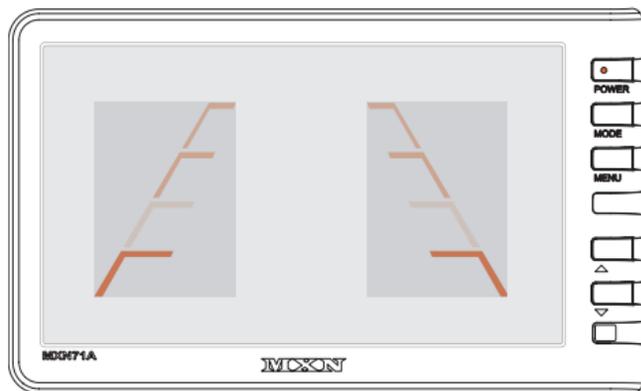
When a trigger wire is connected to a pulse DC power signal (e.g. direction indicator lights) then the **[TRIGGER DELAY]** function avoids repeating **ON/OFF** monitor.

### >>> DIST

**ON/OFF**



# SYSTEM SETTING



## DISTANCE MARKER ADJUST

User can adjust location of distance marker.

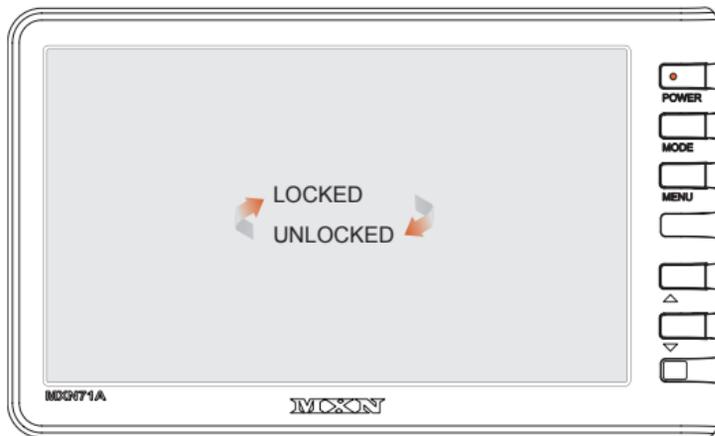
At Power **ON** mode, select distance marker by pressing [ ▲/▼ ] buttons.

When color of distance markers is seen as **RED** color, user can adjust the lines **UP/DOWN** or **LEFT/RIGHT**.

When both distance markers are seen as **RED** color, both lines can be adjusted **LEFT/RIGHT**.

When left distance marker is seen as **RED** color, left line of distance marker can be adjusted **LEFT/RIGHT**.

When right distance marker is seen as **RED** color, right line of distance marker can be adjusted **LEFT/RIGHT**.



## LOCK ON/OFF FUNCTION

### >>> LOCK ON/OFF FUNCTION

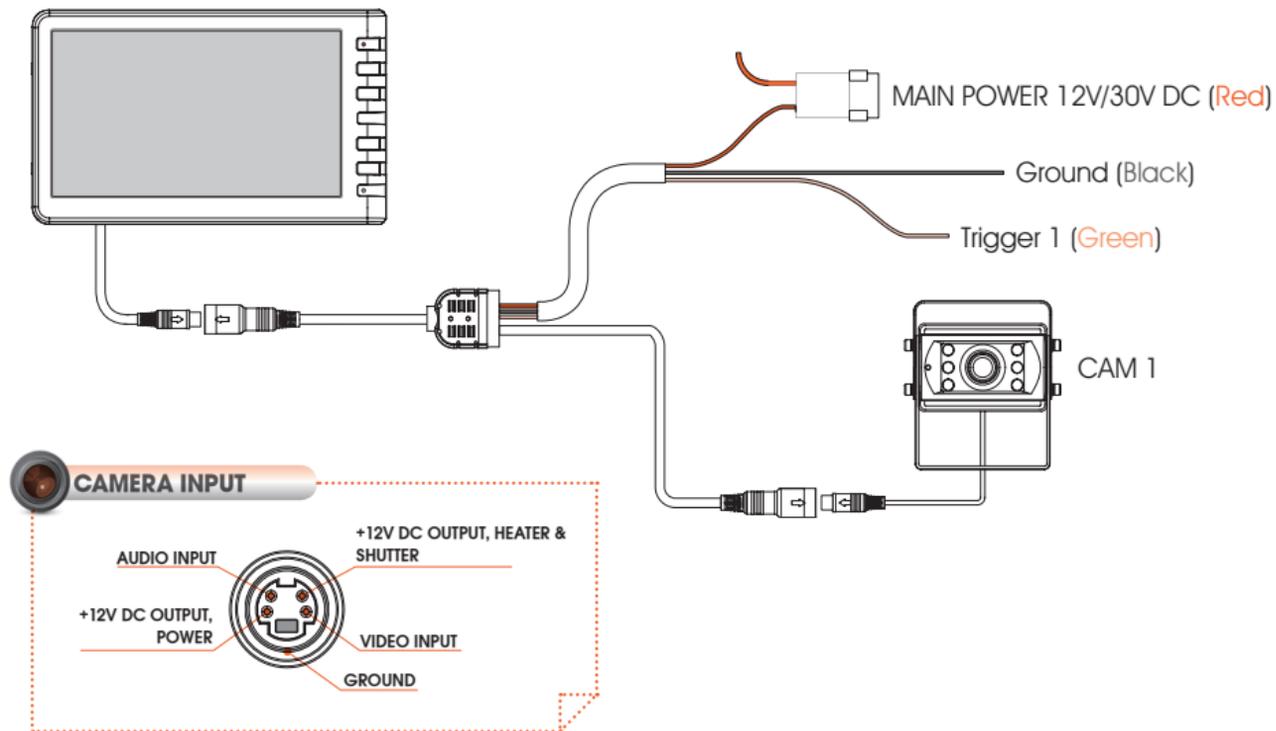
The set up menu can be locked as prevention against unauthorized users.

### >>> LOCK ON mode

At **POWER-ON** mode, hold [**MODE**] button pressed for 10 seconds to set up **LOCK ON** function. When [**LOCKED**] is displayed on the screen, user can use [**POWER, SELECT, VOLUME**] buttons only and use can do setting for **PICTURE** menu.

### >>> LOCK OFF mode

At **POWER-ON** mode, hold [**MODE**] button pressed for 10 seconds to set up **LOCK OFF** function. When [**UNLOCKED**] is displayed on the screen, user can use all functions of the set up menu.





A series of 12 horizontal dotted lines for writing, each starting with a small orange circle on the left side.



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