

PSI Displays Ltd

www.psidisplays.co.uk

Copyright ©2018 by this company. No. Part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system or translated into any language or computer language, in any form or any means. Electronic, mechanical, magnetic, optical, chemical, manual or otherwise, without the prior written permission of this company.

SAFETY INSTRUCTION

1. Never push objects of any kind, or spill liquid of any kind into these products.
2. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risk. Refer all servicing to qualified service personnel, if any misuse mentioned above happened or any accident dropping, miss-operations occurred.

7. Security notes

The unit is only suitable for indoor use. The heat being generated in the unit has to be removed via air circulation. Therefore, the circulation vents at the housings must not be covered with any objects. Do not insert or drop anything into the air vents! This could result in a short-circuit. If the unit is used for purposes other than originally intended or if it is connected in the wrong way or not repaired by authorized skilled personnel, there is no liability for possible damage. For cleaning, only use a dry, soft cloth, do not use any chemicals or water. If the unit is to be put out of operation definitively, take it to a local recycling plant for disposal.

8. Technical Data

LCD technology: TFT active matrix

Display size: Diagonally measured 8"

Color system: NTSC and PAL Dual System

Sync. :Hor. 15 625 Hz, Vert. 50 Hz.

Resolution: 800 x 600

Audio level: 1V/10k Power supply: 12V 1A

Model No.: LM0854HD, Dimensions 270.0x 176.0 x 44 mm, Weight: 700g

Model No.: LRM8521HD, Dimensions 489.8x 176.0 x 44 mm, Weight: 2.3Kg

4 Operation

- 1) Connect a Video Input source and Power 12volts. ⑧.
- 2) Switch on the device with the Main power switch ④,
- 3) Select the input Source for VGA, HDMI 1, HDMI 2, AV, AV2 or DMP with ① then use + or - to select the desired source then Auto ① as exit.
- 4) Push OSD Control ⑥ **Menu** to select the level and parameter that you wish to change, then + as parameter options, - as level options , then **Menu** ⑥ then ① **Auto** to Exit.
- 5) Adjust the Volume to desired level with the + or -

CAUTION: When using the Volume control do not adjust a high vol.

Permanent high volumes may damage a person's hearing! The human ear gets accustomed to high volumes which do not seem to be that high after some time. Therefore, do not further increase a high volume after getting used to it.

5 Application range

The LCD color monitors offer a sharp and high contrast display. They can be universally applied, e.g. in surveillance systems, in reverse monitoring car systems or for multimedia applications. Moreover, an additional Audio input enables sound transmission via headphone

1. Contents:

- | | | |
|-----------------|--------------------------------|-----------------------|
| 8" Monitor x 1 | Power supply x 1 | Side Brackets x 1 set |
| User Manual x 1 | RCA-BNC Adapter x 3 each unit. | |

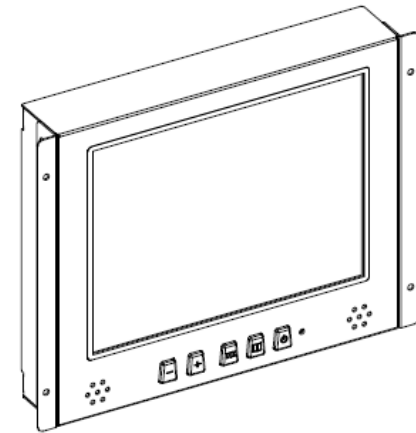


Fig. 1 Connectors and Controls

2. Connection

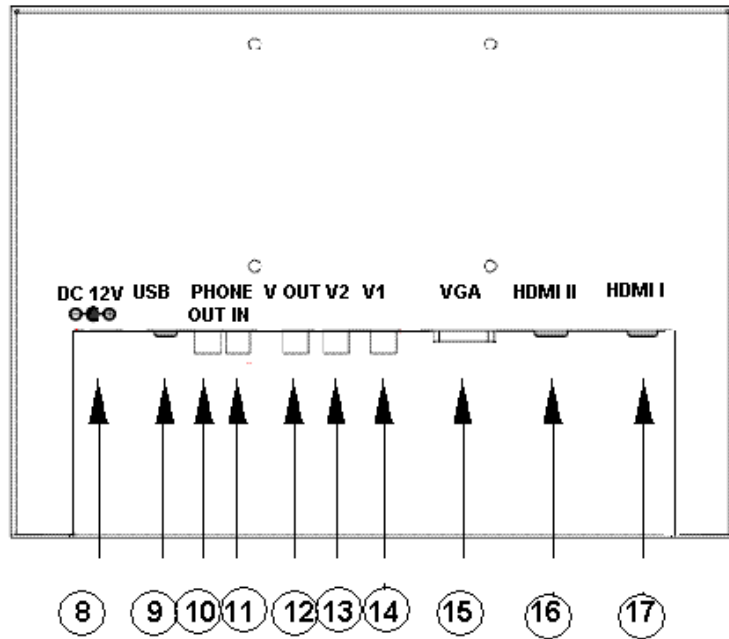


Fig.2 Connectors

- 1) Connect the 12V DC into ⑧ (2.1mm positive center)
- 2) Connect the USB input to ⑨ for software up-grade or Photo book.
- 3) Connect the Audio out ⑩
- 4) Connector the Audio in ⑪
- 5) Connect the Video out-put ⑫
- 6) Connect the Video inputs, VII ⑬ , VI ⑭
- 7) Connect VGA Input ⑮
- 8) Connect HDMI Inputs, HDMI II ⑯, HDMI I ⑰

3. Connections and operating Elements

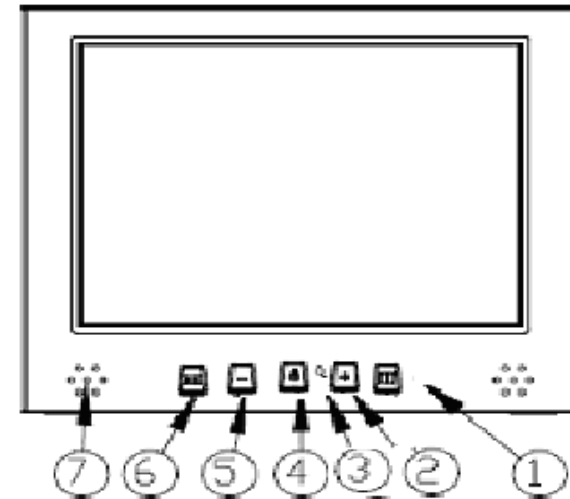




Fig. 3 Controls

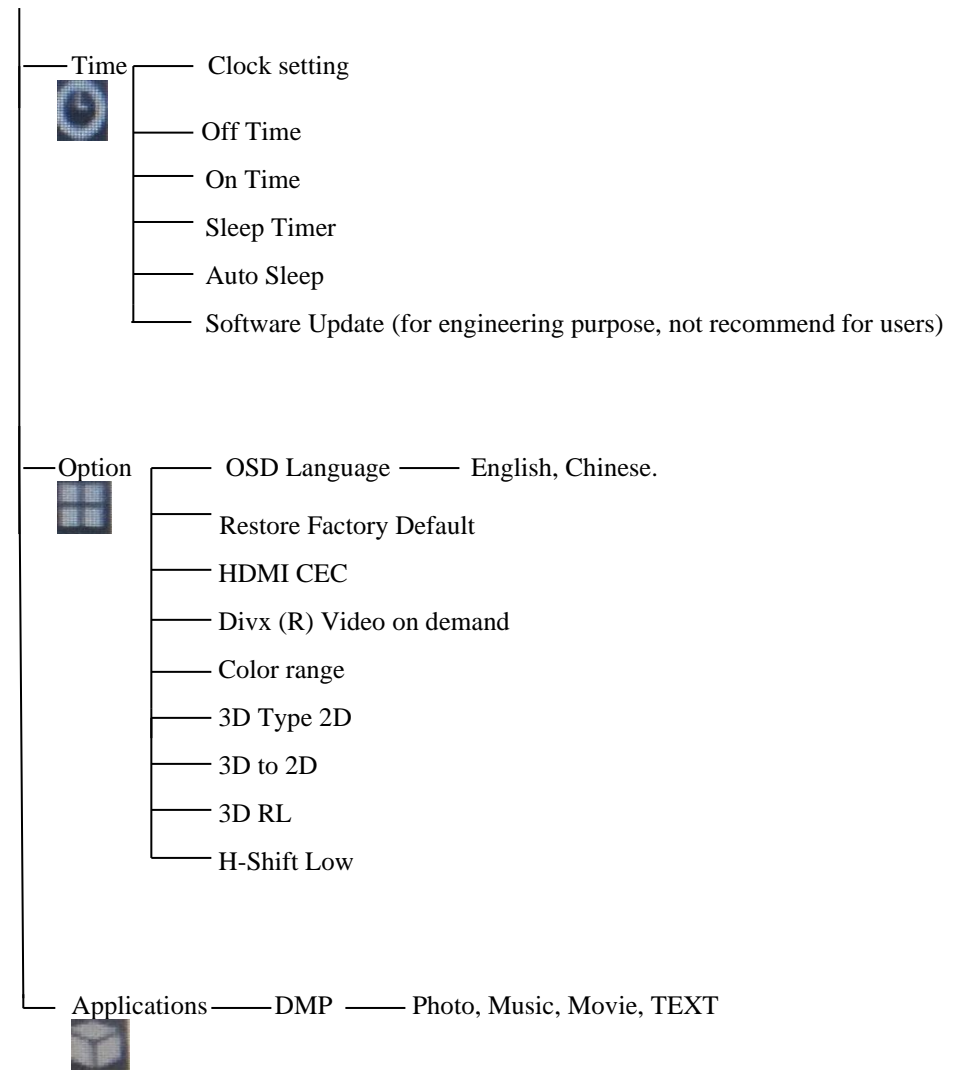
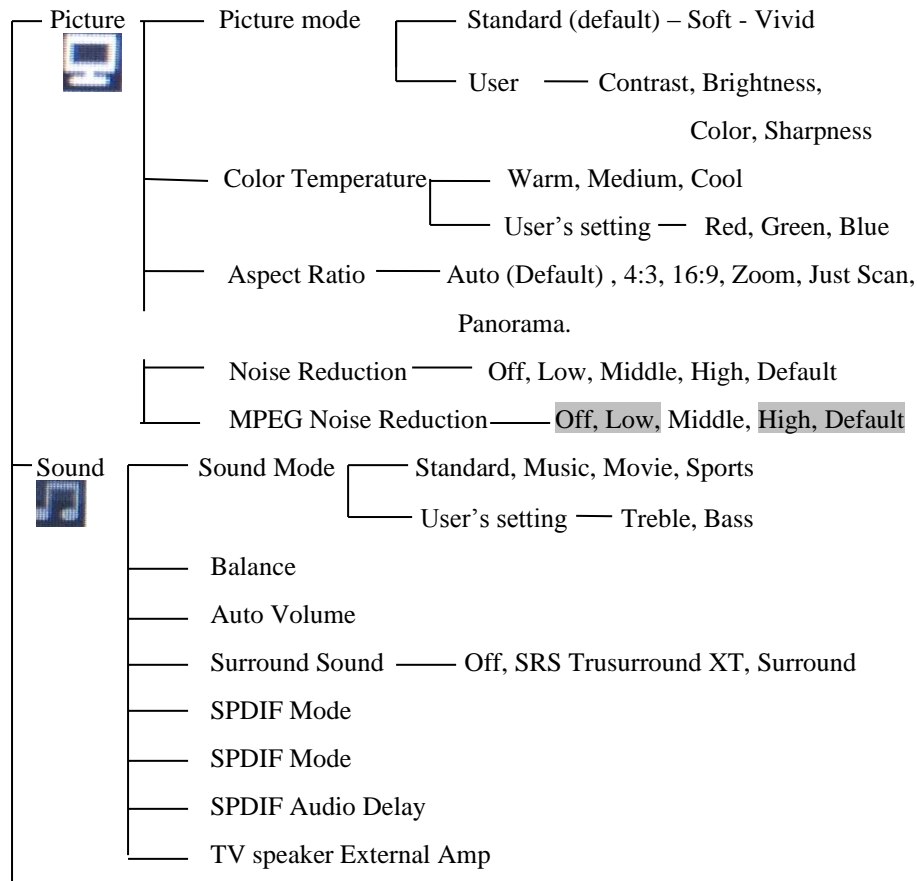
- ① Auto/ Input Source Select
- ② Increase Volume, also use as Right →
- ③ LED Power Indicator
- ④ Power On /Off
- ⑤ Decrease Volume, also use as Down ↓
- ⑥ OSD Menu (see page 6)
- ⑦ Speaker/Vent

6. OSD Menu Layout

5.1.) Using and controlling the OSD:

The OSD (On Screen Display) is equipped with numbers of powerful multi-functions. Users can easily adjust the setting as desired. Press **6** (OSD Menu) to enter the menu, use **5** ( as all the way down) to select different functions, and **2** ( as all the way up) to choose different subroutines.

5.2.) OSD Menu Description:



5.3.) Remarks:

- 1) After open the DMP mode, press (1)(Auto) to exit .
- 2) Options with **Shading** are not adjustable .

OSD menu & OSD menu's subroutine

Functions

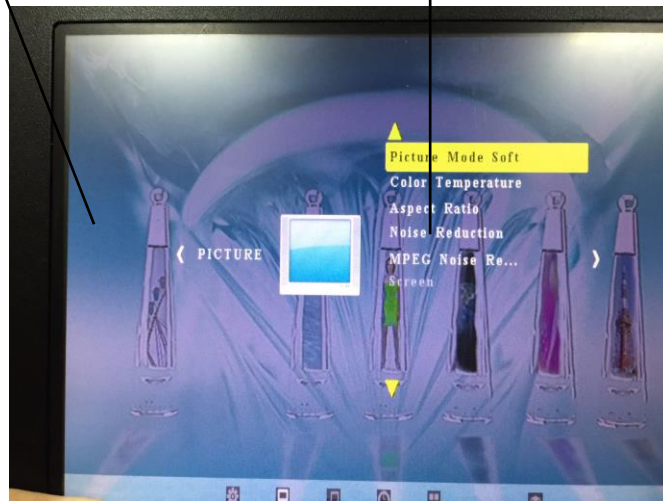


Fig. 4 OSD Menu

PSI Displays Ltd

www.psidisplays.co.uk

8.0" LCD Monitor

HDMI, VGA, Composite Video, Audio.

LM0855HD (single unit)

LM0854HD (single unit Recessed)

LRM8521HD (twin in 19" Rack mount)

User's Manual

Version 9.1

