

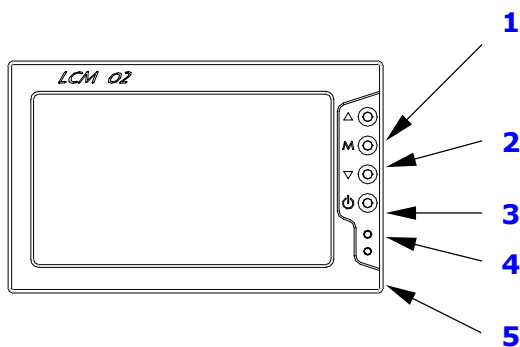
5,8" TFT-Color Monitor LCM-02 F

Instruction Manual



UPGRADE 1

Operating



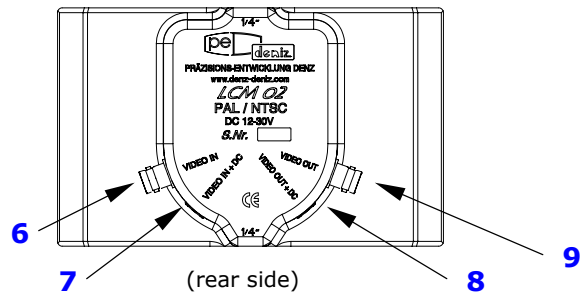
- to switch on:
press the power button **4** and the monitor is switched on.
- to switch off:
press the power button **4** and the monitor is switched off.

1 plus button
2 menu button
3 minus button
4 power button
5 Power-LED

- Power-LED and protection:**
The power LED **5** is shining green in normal operation. If the voltage drops below 12V, the power LED starts flashing red as warning for empty batteries. Below 8 V the monitor stops operating and the LED is still blinking red. If the supply voltage is higher than 33 V, the power LED is flashing green/yellow as warning for over voltage. At more than 36 V the protection circuit will shut down the monitor. After power fail shut down, the unit can be switched on again manually.

Operating

- connecting the monitor:

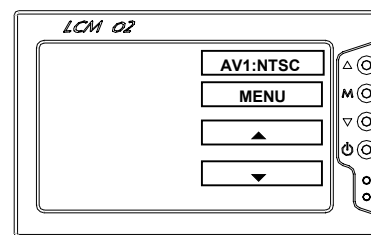


6 Video in 1 (BNC) **8** Video out + DC (Fischer)
7 Video in 2 + DC (Fischer) **9** Video out (BNC)

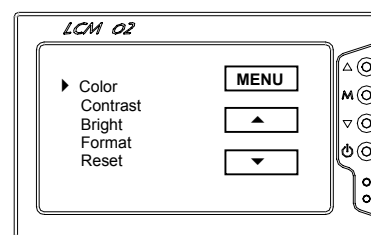
Ensure, that the power supply delivers enough DC-current (see technical data for current consumption). The video inputs 1 (BNC) and 2 (Fischer) at the connectors **6** and **7** can be selected in the on screen display menu. The video outputs at the connectors **8** and **9** are separately amplified and can be used at the same time without dropping down the signal level at 75 Ω loads. They deliver the same signal which is chosen for screening on the monitor menu (video input 1 or 2). The DC-output at connector **9** can bear up to **1 Amp** load. It is looped through directly from the power input. The power supply must not exceed **50 Volts** at the DC-input, otherwise the unit will be destroyed!

**Do not open the enclosure! High voltage is applied!
No serviceable parts inside!**

Operating



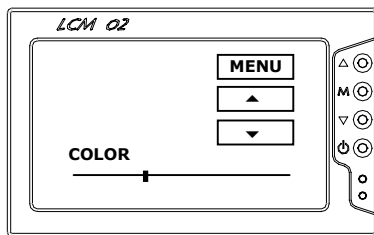
- Toggle video mode PAL/NTSC and input 1/2:**
press the menu button **2** longer (3sec.) until the toggling menu appears on the screen. Pressing the menu button again for a longer time (3sec. min) will toggle between video input 1 (BNC) and video input 2 (Fischer). For selecting the video standard PAL or NTSC, press the plus button **1** or the minus button **3**.



- Adjustments:**
press the menu button **2** shortly to call the adjustment menu on screen. By pressing the menu button **2** again, you can switch to the following screen adjustments:

Operating

COLOR	Color adjustment
CONTRAST	Contrast adjustment
BRIGHT	Brightness adjustment
TINT	Tint adjustment (for NTSC only)
LIGHT	Back light adjustment
RESET	Default settings

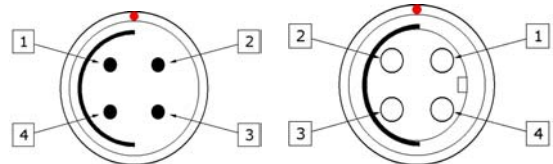


The settings can be modified or activated by pressing the plus button **1** or the minus button **3**. You are leaving the current setting facility and entering the following by pressing the menu button **4** again.

Technical Data

- 5,8" screen size
- anti reflect screen
- switchable back light compensation
- resolution 1140 x 234 pixels
- format 4:3 / 16:9 / zoom
- PAL and NTSC
- Video input 1 and 2 1 Vpp @ 75 Ω (CVBS, neg. sync)
BNC **and** Fischer selectable
- Video outputs: 1 Vpp @ 75 Ω (CVBS, neg. sync)
BNC **and** Fischer
- rated power supply 10 – 30V DC
- polarity protected, under- and over voltage lockout, self resetting fuse
- temperature range -10°C to +40°C (14°F to 104°F)
- 20 to 90% relative humidity, no condensation
- protection class IP50
- weight 635 grams
- size (w/h/d) 145 x 110 x 55 millimeters
- connections (Fischer connectors):

view: connecting side



VIDEO IN+DC

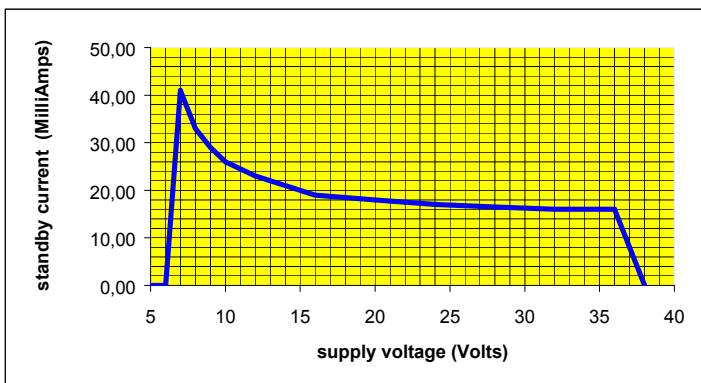
- 1** DC GND
 - 2** Video GND
 - 3** Video
 - 4** DC +
- matching plug:
Fischer S 102 Z053-130

VIDEO OUT+DC

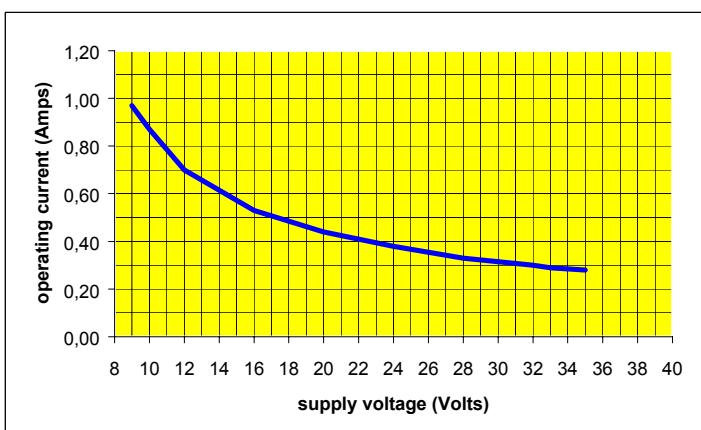
- 1** DC GND
 - 2** Video GND
 - 3** Video
 - 4** DC +
- matching plug:
Fischer S 102 A053-130

Technical Data

- current consumption in standby mode:



- current consumption in operating mode:



Accessory Parts

5.8" Monitor LCM-02

Code No. 14.310.04

Power supply cable for **ARRI IVS**

Code No. 14.310.54

Power supply cable for **VCSC D 2000**

Code No. 14.310.55

Sunshade

Code No. 14.310.07

Universal Holder

Code No. 14.310.10

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