

OZL7000

7" 16/9 Portable LCD

Teletest product

Made in the UK



7" 16/9 TFT LCD
PAL & NTSC
4/3 & 16/9 formats
Very high brightness
Rugged build
Battery powered

This LCD is designed for mounting on a broadcast camera or for giving to directors during shoots. It has a very bright, high quality screen with a very wide angle of view and negligible overscan. The unit can be used to focus and colour balance with even in bright sunlight.

INPUTS: There are two PAL & NTSC composite video inputs and passive broadcast loop throughs. An SDI expansion card can be added as an optional accessory.

ASPECT RATIO FORMATS: The image can be seen in 4/3, 16/9 or "Zoom" mode and all controls can be switched from the front or via the remote control socket at the rear.

2.4GHz RADIO RECEIVER (option): The optional audio / video receiver enables the LCD monitor to be viewed without any cables for distances from 50 - 200m, using the licence free 2.4GHz frequency, and also has a receiver video output.

POWER: The unit can be powered by most broadcast batteries using optional adapters and has a very useful low battery indicator. It can also be powered by 11-30VDC from a camera or a mains PSU.

MOUNTING: Almost anywhere using the 1/4" Whitworth screw threads on the unit and the stand.

ACCESSORIES: Amongst many, the optional carry case has a built in sunhood and splash proof screen.



Specifications

Screen size	7" (154x86mm)
Aspect ratio	16/9
Format control	4/3, 16/9, Zoom
Type of screen & dot pitch	TFT active matrix, xxx
Resolution	336,960 pixels (480x234x3)
Brightness	500 Cd/m ² (NITS)
Contrast	250:1
Backlight half life	15,000 - 22,000hrs
Protective screen	3mm toughened, scratch resistant glass, anti glare finish
Viewing angles	70° left, 70° right, 45° top, 70° bottom
Picture controls	Colour, contrast, brightness, tint & sharpness; normal, mirror & flip
Safe area line generator	-
HD Focus Assist	-
Analogue video inputs	2 x PAL & NTSC (auto switching), HQ-RGB 50/60Hz
Analogue video outputs	2 x broadcast high impedance loop throughs (works when power is
Digital video inputs	1 x SDI 50/60Hz (optional)
Digital video outputs	-
Video connectors	4 x unbreakable BNC sockets
Radio link	2.4GHz 4 channel, video & 2 channel audio and video output
RF antenna connector	SMA socket; 1 x 150mm R/A antenna (with optional radio link)
Audio inputs	-
Audio outputs	Headphone, 2 x 150mW @ 8 ohm
Audio connectors	3.5mm jack socket
Tally lights	Red, green & orange LEDs; 3.5mm jack socket output for "on-air"
Remote	RJ-45 socket, controlling all main functions
Power consumption	11-30VDC, 790mA, 9.5 W; slide power switch
DC connectors	XLR-4 plug (pin1= GND, pin2= +V); 4pin battery plug (see below)
Batteries	7.2-14VDC: Sony, Canon, PAG, IDX, Anton Bauer adapters (optional)
Low battery indicator	Red LED
Temperatures	Operating -30°C to +70°C
Housing	Black "aircraft grade" unbreakable aluminium
Mounting	1/4" Whitworth threads in the case & stand for tripod & camera
Dimensions	172mm wide, 125mm high, 51mm deep (78mm inc)
Weight	840g (1.05Kg with stand)
Pixel perfection	It is unlikely, but there may be up to 3 imperfect pixels
Cooling fan	Adjustable to come on at any temperature (factory set at +50°C)
Battery adapter connector	4pin plug (pin1= GND, pin2= +12V, pin3= N/C, pin4= +12V out)

Optional accessories

OZA1147	Carry case/sun hood:OZL70xx	<i>Protective padding, splash proof</i>
OZA3000	Hot shoe mounting tool	<i>Mounts LCD/TX to camera hot shoe</i>
OZA3010	Two 1/4"W screw mount tools	<i>Mounts LCD/TX to camera 1/4" thread</i>
OZA3200	Gooseneck arm + ball & socket	<i>Mounts LCD to camera supports etc</i>
OZA3205	Ball & socket mount, large	<i>Mounts larger LCDs at any angle</i>
OZA3207	Lighting spigot adapter	<i>Mounts an LCD to light stands etc</i>
OZA3210	Camera / tripod handle clamp	<i>Mounts LCD/TX most handles</i>
OZA3240	LCD offset arm for a camera	<i>Mounts LCD to camera 1/4" thread</i>
OZA4017	Steadicam bracket: OZL70xx	<i>Lightweight, multi positioning</i>
OZD9135	TV tuner, video & audio, PAL	<i>Displays TV programs on a monitor</i>
OZP1225	3A PSU 12VDC, XLR4 socket	<i>For Teletest 7" LCDs: fig8 skt</i>
OZP3107	Sony 7.2V adapter - 4pin skt	<i>12V out; for OZL700x</i>
OZP3117	Sony EX 12V adapter - 4pin skt	<i>DC out; for OZL700x</i>
OZP3127	Canon 7.2V adapter - 4pin skt	<i>12V out; for OZL700x</i>
OZP3137	Panasonic 7.2V adapter - 4pin	<i>12V out; for OZL700x</i>
OZP3147	JVC 7.2V adapter - 4pin skt	<i>12V out; for OZL700x</i>
OZP3210	Sony type 7.2V fast charger	<i>PSU needed - OZP1212 or OZP1225</i>
OZP3950	Sony type 7.2V battery	<i>Powers: 7" LCD -4hrs, 4" LCD -7hrs</i>
OZP4107	PAG-LOK adapter - 4 pin skt	<i>DC out; for OZL700x</i>
OZP4127	Anton Bauer adapter - 4 pin	<i>DC out; for OZL700x</i>
OZP4147	V-Lock adapter - 4 pin skt	<i>DC out; for OZL700x</i>
OZU1710	1-SDI in: portable LCD	<i>Factory must fit</i>
OZU5050	5.8GHz receiver -	<i>Factory must fit</i>
OZW2010	BNC plug - BNC plug, 75cm	<i>Camera - LCD / TX; RX - LCD</i>
OZW2012	BNC plug - Phono plug, 75cm	<i>Camera - LCD / TX; RX - LCD</i>
OZW4000	Hirose 4pin - XLR4 & BNC	<i>Skt - skt & plug; Steadicam - LCD / TX</i>
OZW4030	Lemo 4pin - XLR4 & BNC	<i>Plug - skt & plug; Glidecam - LCD / TX</i>
OZW4053	Fischer 11pin - XLR4	<i>Plug - skt; Arri SR3 - LCD</i>

Accessories included

1 x stand + 2 fixing knobs
 1 x OZL700x instructions
 1 x OZL7000 data sheet

