



PDP-LX5090H 50-inch 'HD Ready 1080p' KURO with Digital Terrestrial and Satellite Tuner (9th Generation)

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'KURO' means black in Japanese.

But not just any black. Perfect black.

And in the television world, **black is everything**. Black encompasses the entire spectrum of colour. The deepest black levels produce the purest colours and the sharpest details.

Achieving the blackest blacks imaginable and building a screen that produces the absolute best picture quality in the world was the inspiration and driving force behind our newest flat screen TV.

KURO lets you see literally every shade between black and white; **the most vivid and flawless colours**.

The PDP-LX5090H, one of our latest KURO TVs, is just 93mm thin, has an integrated HD digital terrestrial and satellite tuner and is DLNA compliant, which means you can connect to your home network via Ethernet. On top of this, the TV features an Advanced AV Optimum Mode that continuously optimises brightness, sharpness and colour, as well as audio settings, based upon the lighting conditions in the room and the content on the screen.

KURO is simply a television that will let you **see and hear like never before**.



Specifications

Main Features	PDP-LX5090H
Diagonal Screen Size	50-inch / 127 cm
Screen Technology	Plasma
Full HD (HD ready 1080p)	Yes
HD Digital Film Direct 24	Yes
Resolution (horizontal x vertical)	1,920 x 1,080
TV Tuner	Integrated Digital DVB-T, DVB-S, DVB-S2 and Analogue tuners
CI Slot	Yes
Speakers	Optional high grade side and under-mounted speakers available
Input Terminals	3 x HDMI, 1 x Component, 1 x RCA AV, 3 x Euro-SCART, 2 x CI slot, 1 x PC input, 1 x USB port, 1 x Ethernet
Output Terminals	1 x Optical, 1 x RCA Audio, 1 x Headphone, 1 x Subwoofer Out
Optimum Mode	Yes (Enhanced)
Home Media Gallery	Yes
DLNA Certified	Yes
Multiscreen Options (PiP/PaP)	Yes
Electronic Programme Guide	Yes
Dimensions (W x H x D)	1.233 x 723 x 93 mm
Weight	33,9 kg
Power Consumption (In use / Standby)	438 W / 0,3 W
Screen Build & Picture Quality	PDP-LX5090H
Ultra Black Panel	Yes
Signal Processing Drive 2HD	Yes
Direct Colour Filter 3+	Yes
Deep Waffle Rib Structure	Yes
i-CLEAR Drive	Yes
Dynamic HD Converter	Yes
PAL 3D Y/C Separation	Yes
Active Dynamic Range Expander (DRE)	Yes
Intelligent Mode	Yes
Colour Temperature Adjustment	Yes
Colour Management	Yes
Digital CTI (Colour Transient	Yes

Improvement)	
Digital Flicker-Free	Yes
3D Noise Reduction	Yes
Block Noise Reduction	Yes
Mosquito Noise Reduction	Yes
Analogue Tuner Noise Reduction	Yes
PureCinema	Yes
Dual Screen Mode (PaP)	Yes
Picture-in-Picture Mode (PiP)	Yes
Still Picture	Yes
AV Selection	Yes
Video Signals	PAL, SECAM, NTSC3.58, NTSC4.43. PAL60, HD
PC Signals	VGA, SVGA, XGA, Wide XGA, SXGA
Audio	PDP-LX5090H
Audio Output Power	18 W + 18 W (1 kHz, 10%, 6Ω)
Tone Control	Yes
Auto Volume Control	Yes
Sound Options	SRS WOW HD, SRS (Surround), SRS FOCUS (Audio Orientation), SRS TruBass (Bass Boost), SRS Definition
Digital DVB-T Tuner	PDP-LX5090H
DVB-T Compliant	Yes
Modulation	COFDM (2k / 8k)
Video decoding	MPEG2 MP@ML, MPEG2 MP@HL, MPEG4 AVC
Audio Decoding	MPEG1 Layer 1&2, AC-3, Enhanced AC-3, HE-AAC
Preset Channels	999
Digital Teletext (MHEG 5)	Yes
Digital Satellite Tuner	PDP-LX5090H
DVB-S/DVB-S2	Yes
Modulation	QPSK/8PSK
Preset Channels	5000
LNB Control	DiSEqC1.0
Analogue Tuner	PDP-LX5090H
Auto Channel Preset	Yes
Reception System	PAL B/G, I, D/K - SECAM B/G, D/K, L, L')

Preset Channels	99
Teletext (CEEFAX/FLOF/TOP)	Yes
Picture and Text (Dual Screen)	Yes
Control	PDP-LX5090H
Display Languages	18 languages, including: Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Portuguese, Russian, Spanish, Swedish, Turkish and Ukrainian
Remote Control	Preset (TV, VCR, STB, DVD, DVR, BD)
KURO LINK	Yes
i/o Link.A	Yes
SR+	Yes
Room Light Sensor	Yes
Energy Save mode	Yes
Power Management (for PC)	Yes
Connection terminals	PDP-LX5090H
HDMI	3
Component Video In	1
RCA AV In	1 (side-in)
Euro-SCART	3
Digital Optical Audio Out	1
RCA Audio Out	1
PC Input	1
USB Input	1 (version 2.0 / side-in)
Ethernet	1
Headphone Out	1 (side-in)
Subwoofer Out (variable)	1
Common Interface Slot (CA Card)	2
SR Control	1
Antenna Terminal Terrestrial Tuner	1
Antenna Terminal Satellite Tuner	1
Other	PDP-LX5090H
Power Requirements	AC220 - 240V, 50/60Hz

