

ad notam LCD DTV-SERIES

DTV 7.0"

MIRROR IMAGE® is the LCD engine that drives images through glass and mirror to deliver superb picture quality. All products are German made, custom-engineered LCD technology. They are exclusively designed to overcome the unique challenges of operating in ventilation deprived environments and to allow easy and adjustable mounting.

The DTV Line is the revolutionary slimmest and feather-weight LCD Monitor by **ad notam®**. The DTV Line is the advancement of the **ad notam®** integration principle to create a monitor system affiliating 100% into any interior or furniture design without influencing its nature of functionality.

The DTV Line is ideal for business, where the construction environment does not allow big installation depth. It is perfectly qualified for the combination with furniture and cabinets where the origin of design requires certain physical regulations to fit the electronic part without limiting the functionality of moving doors, hinges and frames.

The Monitor System is separated into two elements:

1. the LCD panel, attached with the standard patented magnetic mounting system (optional) on the backside of the glass, and
2. the intelligent part, the so called "Input Box", which has all the needed video and audio inputs of an advanced TV.

Both elements (LCD and Input Box) are connected through one cable only, that transports the power and the audio-/ video signal. The position of the two elements can either be considered at different places (up to 4 meter distance apart) or can both be placed behind the glass.

When combined with MAGIC MIRROR®, MIRROR IMAGE® switches completely invisible when turned off. MIRROR IMAGE® technology is patent protected.

PRODUCT HIGHLIGHTS

- Feather light Monitor System
- Super flat LCD profile
- One power and signal cable only (up to 4 m length)
- IBE system architecture "Input Box external" - for unique design fusion & squeezed environments
- Hybrid Tuner (ATV and DTV)
- Flush fitted monitor
- Adjustable mounting system for particularized placement
- Low Voltage
- Doesn't require ventilation
- Sealed casing
- LCD Technology
- Auto signal detection logic
- Optional RF remote control (no IR eye needed)
- DOG system architecture



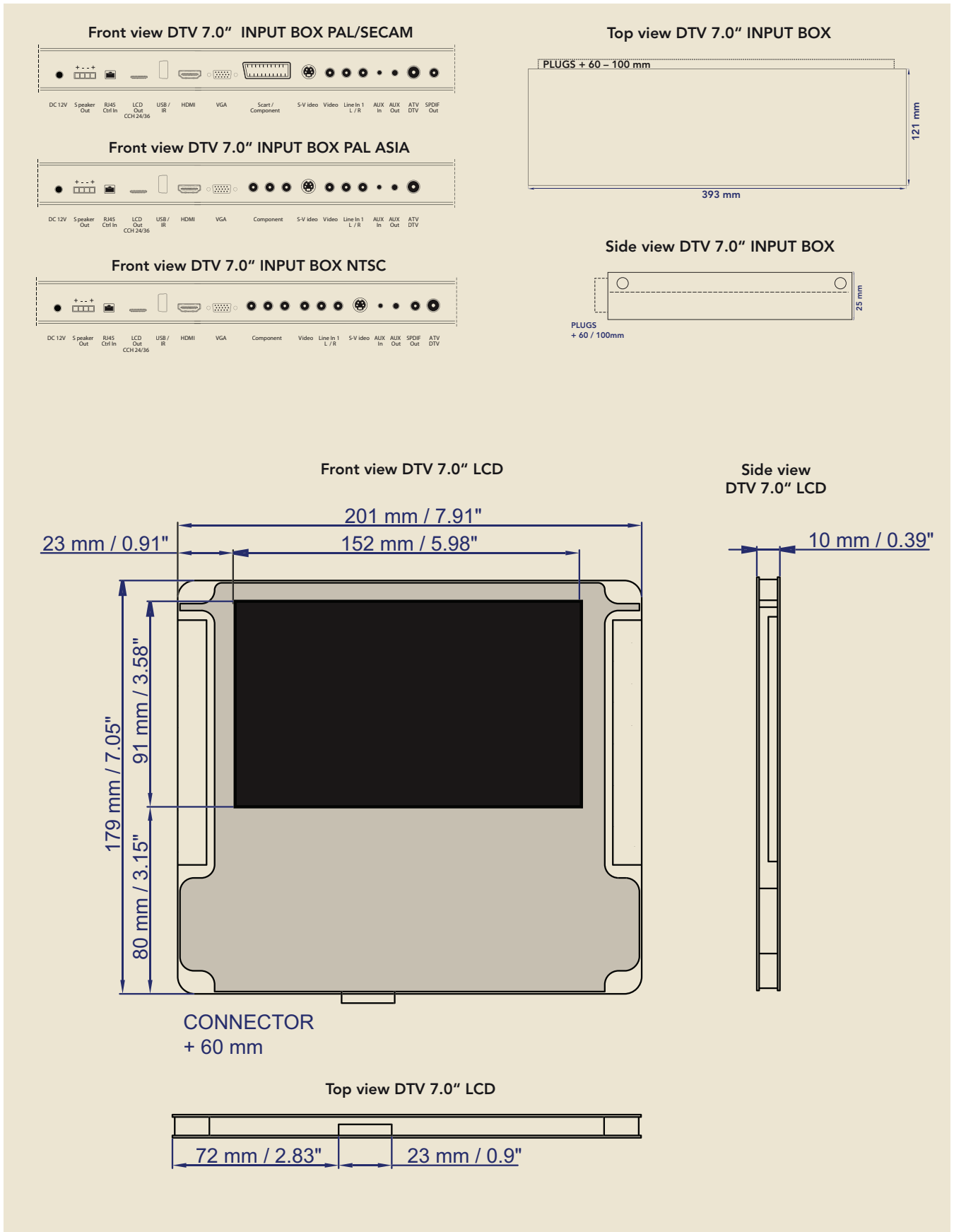
Article No.:

Screen size	Art.No.	Code	Signalsystem
7.0"	DTV 070-	10	PAL/SECAM
		11	PAL ASIA
		12	NTSC

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Technical Datasheet:



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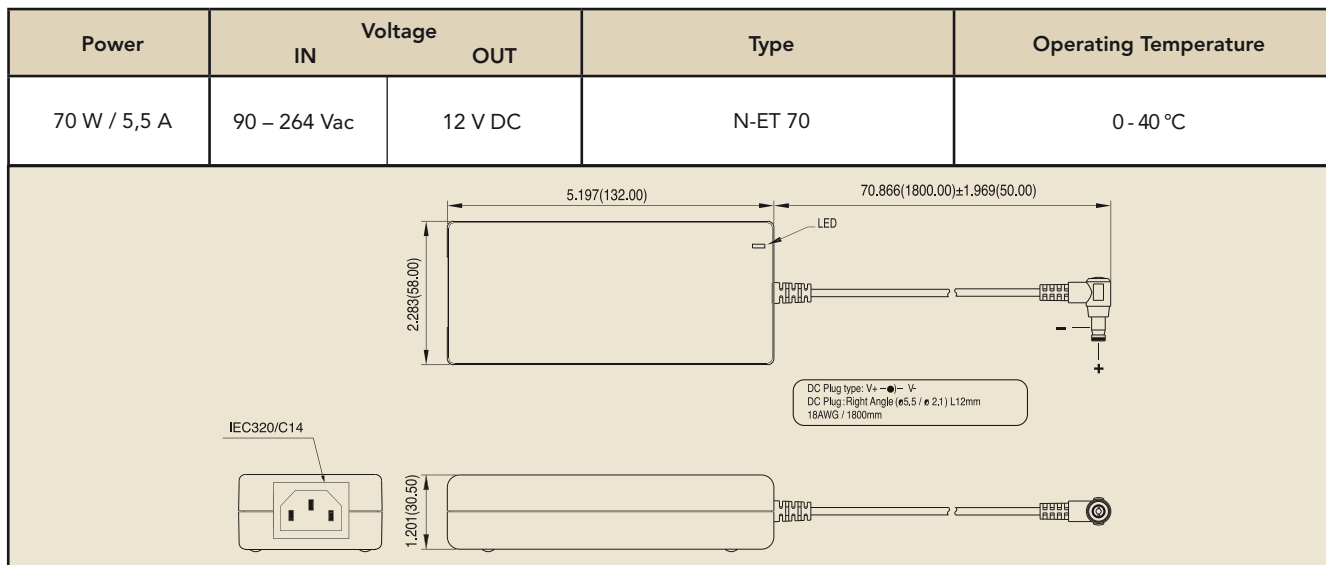
Screen technology:

Art.No. / Features	DTV 070-10	DTV 070-11	DTV 070-12
Display Type	TFT Thin Film Transistor	TFT Thin Film Transistor	TFT Thin Film Transistor
Active Screen Area	W x H 152 x 91 mm 5.98" x 3.58" Diagonal 178 mm / 7.0"	W x H 152 x 91 mm 5.98" x 3.58" Diagonal 178 mm / 7.0"	W x H 152 x 91 mm 5.98" x 3.58" Diagonal 178 mm / 7.0"W
Picture Format	16:10	16:10	16:10
Physical Resolution	800 x 480	800 x 480	800 x 480
Viewing Angle	Horizontal 120 Vertical 100	Horizontal 120 Vertical 100	Horizontal 120 Vertical 100
Brightness	400 cd/m ²	400 cd/m ²	400 cd/m ²
Contrast	400 : 1	400 : 1	400 : 1
Response Time	8 ms	8 ms	8 ms
TV-Inputs	DVB COFDM 2K/8K OPSK 16/64 QAM, PAL / SECAM, UHF / VHF	DVB COFDM 2K/8K OPSK 16/64 QAM, PAL / SECAM, UHF / VHF	ATSC A: 8 – VSB / C: 64 QAM, 256 QAM, MPEG2
Video-Inputs	HDMI (1080p/24,50,60 Hz), RGB (VGA, SVGA, XVGA, SXVGA), SCART, Y/C, FBAS, RJ45, USB	HDMI (1080p/24,50,60 Hz), RGB (VGA, SVGA, XVGA, SXVGA), YRbPr, Y/C, FBAS, RJ45, USB	HDMI (1080p/24,50,60 Hz), RGB (VGA, SVGA, XVGA, SXVGA), YRbPr, Y/C, FBAS, RJ45, USB
Audio-Inputs	HDMI 1.3, STEREO 3.5, RCA STEREO, DIGITAL AUDIO OUT, SPEAKER OUT	HDMI 1.3, STEREO 3.5, RCA STEREO, DIGITAL AUDIO OUT, SPEAKER OUT	HDMI 1.3, STEREO 3.5, RCA STEREO, DIGITAL AUDIO OUT, SPEAKER OUT
Operating Temperature	5 to 50 Celsius / 41 to 122 Fahrenheit	5 to 50 Celsius / 41 to 122 Fahrenheit	5 to 50 Celsius / 41 to 122 Fahrenheit
Power	DC 12V 9 W / 730 mA	DC 12V 9 W / 730 mA	DC 12V 9 W / 730 mA
Weight	1,5 kg	1,5 kg	1,5 kg
Amplifier Output	4 x Phoenix-clip, 3.5W RMS@4 Ohm per Channel	4 x Phoenix-clip, 3.5W RMS@4 Ohm per Channel	4 x Phoenix-clip, 3.5W RMS@4 Ohm per Channel
Filter	COMB FILTER / DEINTERLACE 3D	COMB FILTER / DEINTERLACE 3D	COMB FILTER / DEINTERLACE 3D
Tuner Receiver	PAL/SECAM, DVB-T MPEG2	PAL, DVB-T MPEG2	NTSC, ATSC MPEG2
Tuner Channels	ATV: 100 / DTV: 400	ATV: 100 / DTV: 200	AIR 2 – 69 / CABLE 2 – 125
Sound System	BG, DK, I, L, L', NICAM/A2	BG, DK, I, NICAM/A2	M, AC –3 / MPEG LAYER I / II
FM Radio	no	no	no
Teletext / EPG / PIP	yes / yes / ---	yes / yes / ---	yes / yes / yes
Interactive Port RJ45	IR/RF Input / RS232	IR/RF Input / RS232	IR/RF Input / RS232
Remote Control Code	definable	definable	definable

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Power supply:



Connection Cable LCD - Input Box

Type	Lenght	Note
CCH50_24	500 mm	In delivery scope
CCH400_24	4.000 mm	Optional



Remote Control Aqua IR:

Type	Feature	Dimensions B x H x D
IR Infrared	Water resistant	110 x 58 x 38 mm 4.33" x 2.28" x 1.44"

