

LSS



Stage Manager's Desk DNP

LSS DNPs are touch PCs that can be used to switch and monitor dim and non-dim circuits as well as rehearsal, blue and way lights. As part of the lighting system, they are used in lighting control rooms or on stage manager's desks. Wherever light has to be switched, controlled and monitored a LSS DNP can do it. They can also be used to control media servers and other media devices.

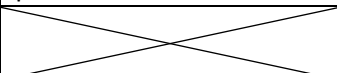
All LSS DNPs come with an individual, user-defined interface. The user interface displays all information, e.g. switching status, power consumption or last user. All information will be displayed clear and direct. The operation of the touch display is simple and convenient. The connection to the light and media control can either be via a PLC or another programmable device such as a LSS MasterGate.

Stage manager's desks by LSS are available with 8,4", 12", 15" or 19" screen diagonals and as built-in devices or in a surface-mounted housing. The devices DNPportable (15") and DNP XXL (19") are available for use as desktop devices. Further information can be found in our product catalog Digitale Nebenpulte.

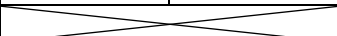
General technical data

	DNP XXL	DNP portable	DNP 190	DNP 150	DNP 120	DNP 80
Touchscreen						
Diagonal size	19"/48 cm	15"/38 cm	19"/48 cm	15"/38 cm	12,1"/31 cm	8,4"/21cm
Display color	16,7 Mio					
Pixel	1280x1024	1024x768	1280x1024	1024x768	1024x768	800x600
Contrast ratio	1000:1 (typ.)	600:1 (typ.)	1000:1 (typ.)	600:1 (typ.)	900:1 (typ.)	900:1 (typ.)
Luminance	300 cd/m ²	480 cd/m ²	300 cd/m ²	480 cd/m ²	640 cd/m ²	800 cd/m ²

Power supply

Power	230 V AC / 16 A					
Connection 230V	IEC cable connector, DNP XXL WM: Neutrik powerCon 20 A		Neutrik powerCon 20 A			
Fixed installation			2x 12 V DC	24 V DC		

Power consumption

At 230V AC	1,2 A	1,2 A	0,35 A	0,15 A		
At 12/24V DC			5 A	1 A	0,7 A	0,6 A

Touch PC

Processor	Intel Atom®					
Operating system	Microsoft Windows 10 IoT					
Surface	Anthracite powdered, RAL 7016					

Appliance class/ IP code

230V AC	Class I, IP 20
12/24V DC	Class III, IP 20

Environment and humidity

Temperature	0 °C - +40 °C (operation and storing)
Air humidity	20 – 90%, not condensed
RoHS	conform

DNP XXL

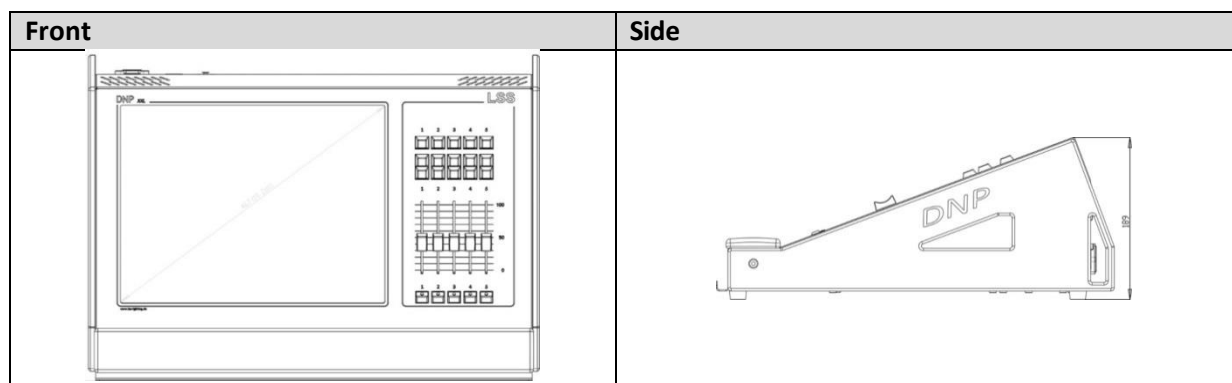
The DNP XXL is equipped with a 19" touch screen, fifteen freely programmable buttons and five motorized faders. The faders can be linked to functions of the user interface or control circles independent from that. The desktop device has a lockable drawer.

Desktop device



Technical data

Dimensions (W x H x D):	645 x 467 x 190 mm
Weight:	17,0 kg
Order number	5009



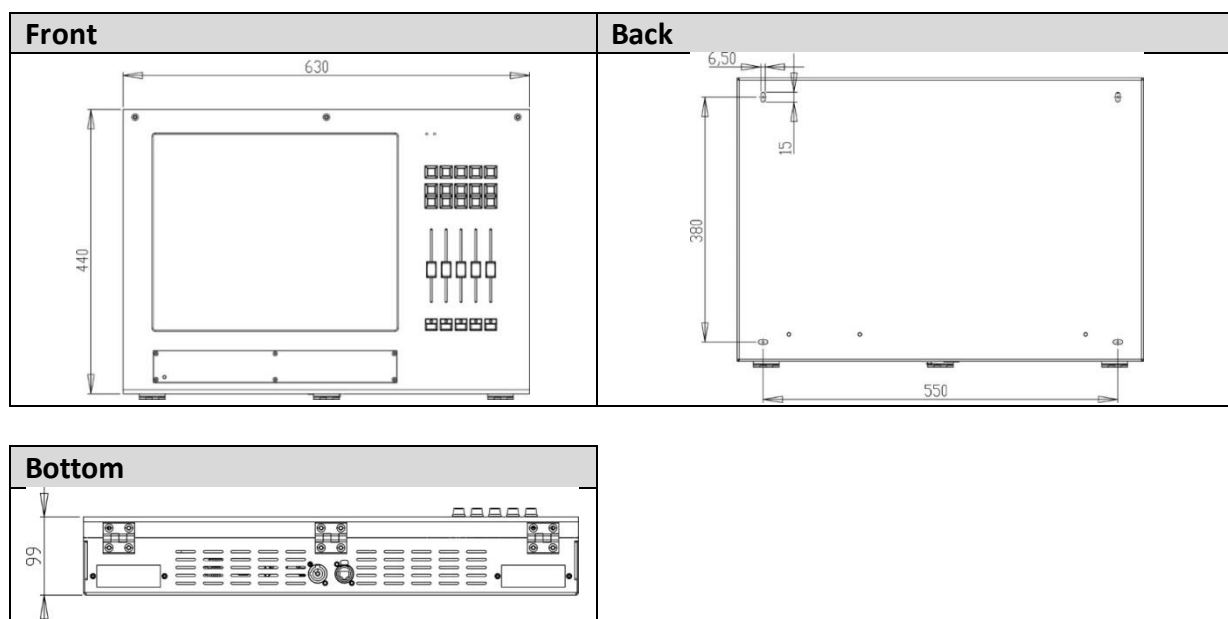
Wall

DNP XXL for surface mounting. Below the touch screen, additional push-buttons or other controls can be installed on a mounting panel. The connections are made on the underside of the device, or back if requested by the customer.



Technical data

Dimensions (W x H x D):	630 x 440 x 99 mm
Weight	15,00 kg (PSU included, without optional connectors)
Order number	5009-WM



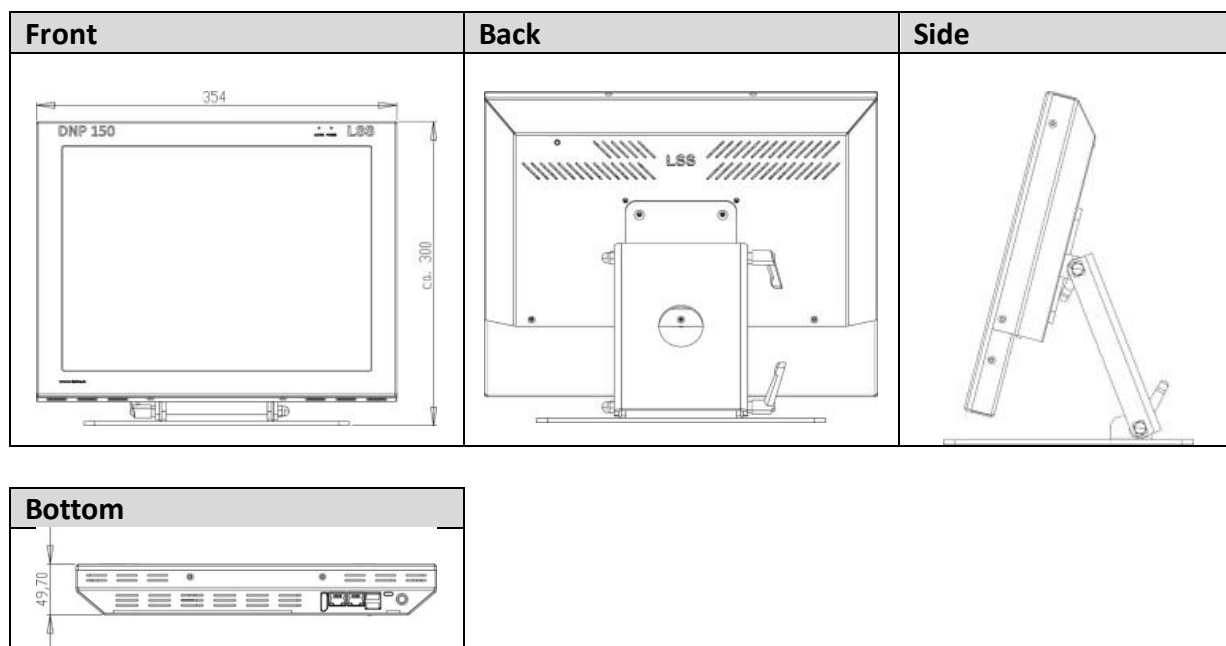
DNP portable

DNP portable is a 15 " desktop device with external power supply and adjustable tilt.



Technical data

Dimensions (W x H):	354 x max. 300 mm
Weight:	4,00 kg (without PSU)
Order number	5209-15



Devices for wall mounting

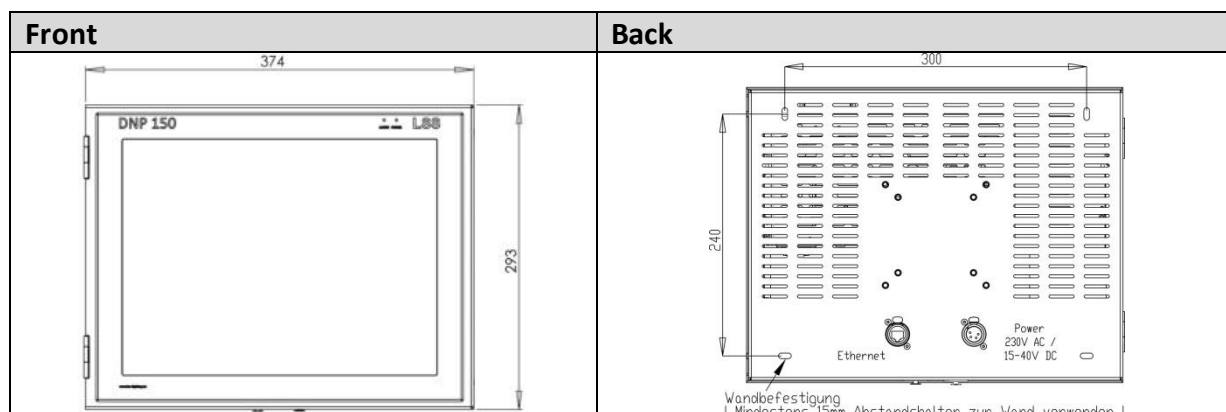
The connections of all devices are located on the bottom. On request, these can also be mounted on the back.



DNP 190 WM

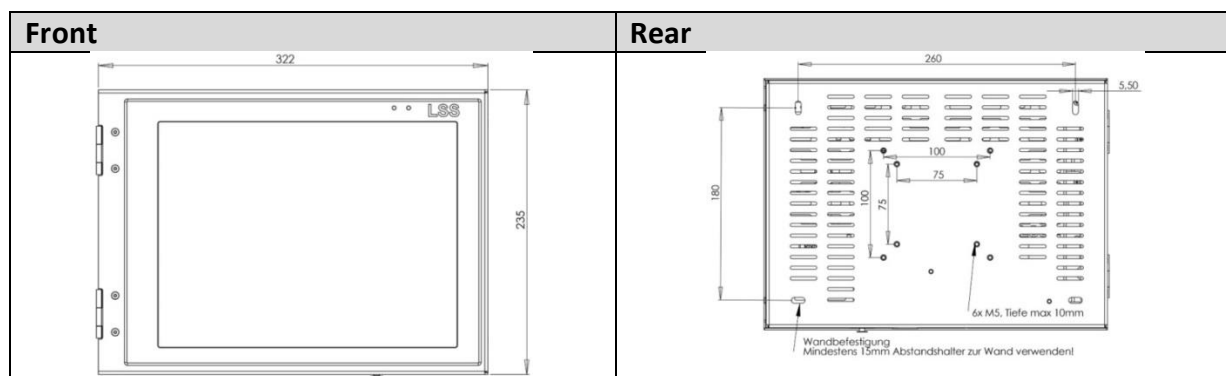
Front	Back				
Bottom	Technical Data				
	<table border="1"> <tr> <td>Dimensions (W x H x D):</td> <td>486 x 396 x 103 mm</td> </tr> <tr> <td>Order number:</td> <td>5209-19</td> </tr> </table>	Dimensions (W x H x D):	486 x 396 x 103 mm	Order number:	5209-19
Dimensions (W x H x D):	486 x 396 x 103 mm				
Order number:	5209-19				

DNP 150 WM



Seitliche Ansicht	Technical Data
	Dimensions (W x H x D): 374 x 293 x 63 mm
	Weight: 5,00 kg (PSU included)
	Order number: 5209-15WM

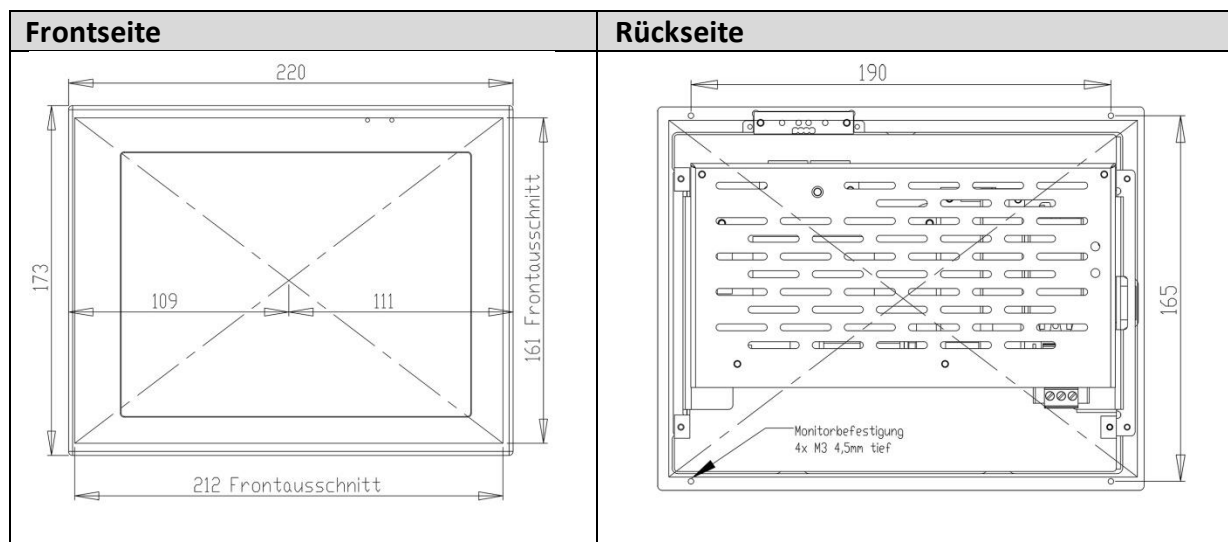
DNP 120 WM



Side	Technical data
	Dimensions (W x H x D): 322 x 235 x 63 mm
	Weight: 3,00 kg (PSU included)
	Order number 5209-12WM

DNP 80 WM

DNP 80 WM devices are developed for specific projects. The touch devices can be fitted into existing, new or customized housings. The dimensions and weight vary accordingly.

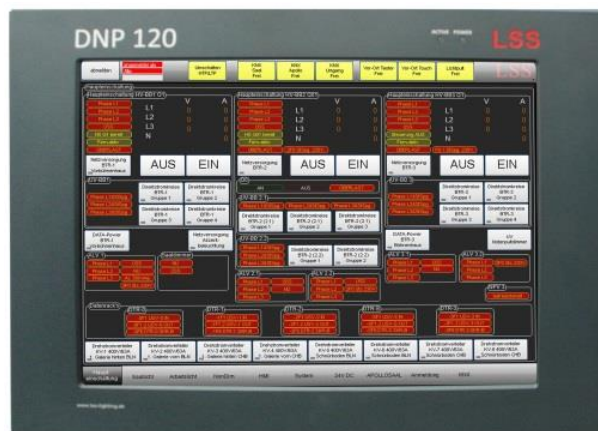


Technical data

Cutting W x H:	212x161 mm	Minimum built-in depth:	55 mm + project- specific circumstances
		Order number:	5209-8WM

Built-in devices

Built-in devices need a frame for installation. The connections are on the back of the device.



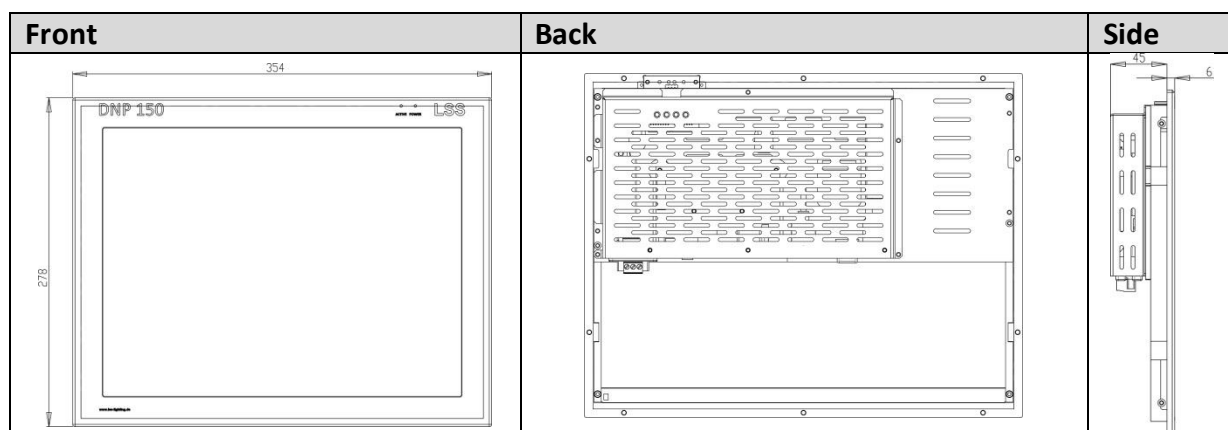
DNP 190

Front	Back	Side

Technical data

Dimensions (W x H x D):	470 x 380 x 100 mm		
Min. mounting depth:	115 mm	Order number	5209-19

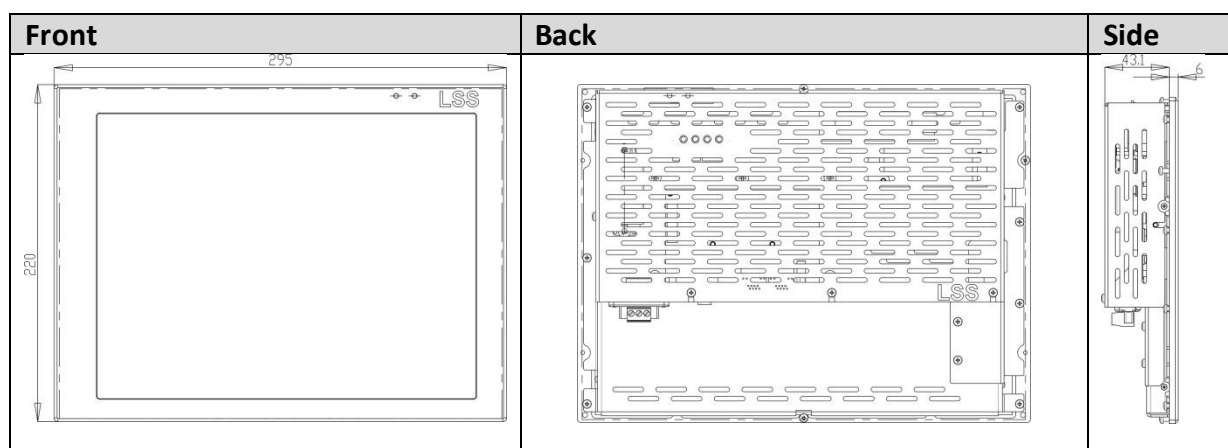
DNP 150



Technical data

Dimensions (W x H x D):	354 x 278 x 51 mm	Min. mounting depth:	75 mm
Weight:	4,00 kg (without PSU)	Order number:	5209-15

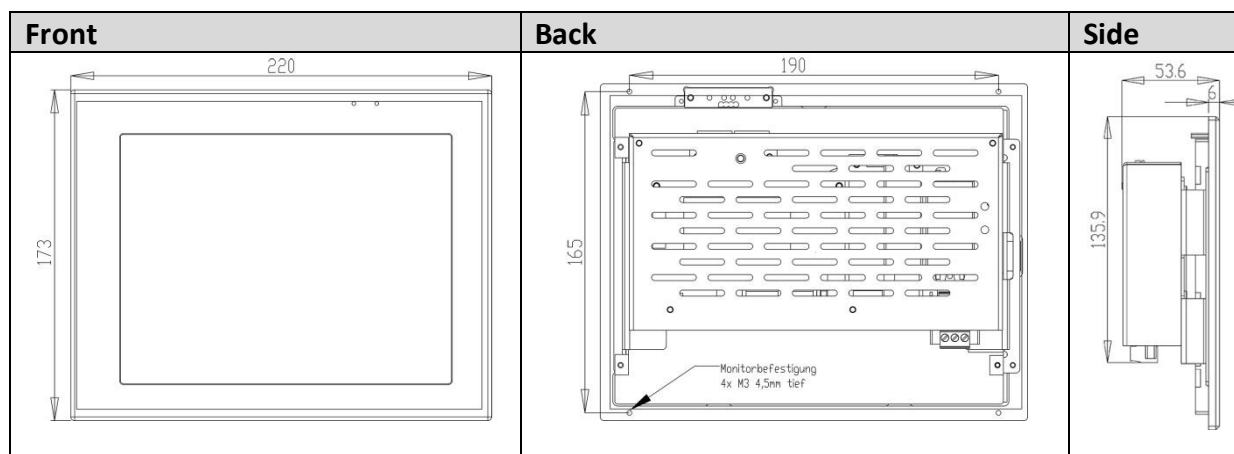
DNP 120



Technical data

Dimensions (W x H x D):	295 x 220 x 50 mm	Min. mounting depth:	75 mm
Weight:	2,00 kg (without PSU)	Order number:	5209-12

DNP 80



Technical data

Dimensions (W x H x D):	220 x 173 x 60 mm	Min. mounting depth:	85 mm
Weight:	1,20 kg (without PSU)	Order number:	5209-8