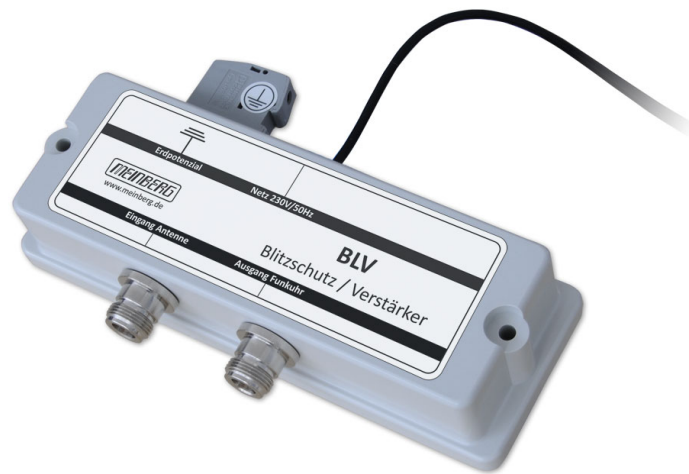




The Synchronization Experts.



## MANUAL

### BLV

**Surge Voltage Protector/Amplifier**

5th December 2019

Meinberg Funkuhren GmbH & Co. KG





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# 1 Imprint

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Date: 2011-07-22

## 2 BLV Overvoltage Protector / Amplifier

- Surge Voltage Protector for coaxial Lines
- Earth Isolated
- Output for Radio Clock
- Plastic Case for
- Indoor Mounting

<b>Function:</b>	The surge voltage protector for coaxial lines has to be installed in the antenna line and sets the antenna shield to earthpotential. The output to the radio clock is isolated (dielectric strenght: approx. 4000V). The ground connection has to be realized as short as possible via a screw terminal and a max. 10qmm wire. It is equipped with two type-N female connectors.
<b>Input signal:</b>	DCF77 Antenna
<b>Gain:</b>	The device is equipped with an amplifier (20dB).
<b>Power Requirements:</b>	230V/50Hz, @ 10mA
<b>Dielectric Strength:</b>	approx. 4000V
<b>Connectors:</b>	2 x type-N power cord 230V
<b>Housing:</b>	Unbreakable plastic case with fixing holes for wall mounting and rubber sealing (IP52) - (182mm x 65mm x 37mm)
<b>Ambient Temperature:</b>	0 ... 50oC
<b>Humidity:</b>	max. 85%



### WARNING!

Working on the antenna system during thunderstorms



### Danger to life due to electrical shock!

- Do not carry out any work on the antenna system or the antenna cable if there is a risk of a lightning strike.
- Do not carry out any work on the antenna system if the safety distance to free lines and sequential circuits is exceeded.