

## Blitzortung.org Order List – System Blue - 13. September 2016

The lightning detector „System Blue“ is a kit. Some parts still need to be soldered. You should definitely have some experiences with soldering. If not, the kit should be assembled by friends of you.

### Main Board:

No.	Part	Description	Price
1	PCB 20_2	PCB 19.3 + PCB 16 + PCB 17 Boards with all components (SMD components are already soldered)	180,00 €

You should try to build your own loop antennas. If you do not have the possibility to place a coaxial antenna, frame antenna, or loop antenna in your garden you can also use our ferrite rod antennas.

### Ferrite Rod Antennas:

No.	Part	Description	Price
2	SKS200/10N	Ferrite Rod Antennas – 20cm	20,00 €

The following housing option is also not mandatory. The layout files for the front and back panel are also available for download, see Project Area -> Compendium.

### Housing:

No.	Part	Description	Price
3	Alu Primus	Aluminium profile housing kit (including front panel, back panel, LEDs, switch, elastic adhesive feet)	64,00 €

The following filter option is not mandatory. You need one filter IC for each channel. It is not necessary to implement all filter ICs at once.

### Filters:

No.	Part	Description	Price
4	LTC1569CS8-7	Lowpass Filter 10th Order 300kHz, SOIC 8-Pin	12.00 €

Additionally, you need an external GPS antenna (SMA, 3,6 Volt), a USB power supply, and connection cables.

The prices do not include the shipping. To keep the price as low as possible, we usually ship a weight up to 1kg as registered mail by Deutsche Post for 12 Euro world wide except to Germany. Note that you probably may have to pay customs. Participants from Germany should enclose a DHL label.

You can pay by money transfer or by PayPal. You have to add 2% if you want to pay by PayPal. Please pay always in Euro.

Examples:

Main Board	Feritte Rod Antenna	Housing	Filter IC	Shipping by registered mail	Money transfer price	PayPal price
180,00 €	20,00 €	64,00 €	12,00 €	12,00 €	Factor 1,00	Factor 1.02
1	0	0	0	1	192,00 €	195,84 €
1	2	0	0	1	232,00 €	236,64 €
1	0	1	0	1	256,00 €	261,12 €
1	2	1	0	1	296,00 €	301,92 €
1	0	0	2	1	216,00 €	220,32 €
1	2	0	2	1	256,00 €	261,12 €
1	0	1	2	1	280,00 €	285,60 €
1	2	1	2	1	320,00 €	326,40 €

Blitzortung.org is a community of volunteers with noncommercial interests. We make no contracts. Since most of the users have no possibility to get the material in some countries, we spend our free time to buy the necessary parts here in Germany, pack them into a parcel, and ship it to you. We do all this just as a favor, there is no extra charge. Since we are no salesmen, we send no invoices for the material and service (only on occasional exception, if the users will recover the appropriate amount via official channels). We can not enclose the invoices we get from our local vendors, because these invoices are for the parts for several kits. Please leave your email address on

[www.blitzortung.org/cover\\_your\\_area.php](http://www.blitzortung.org/cover_your_area.php)

The ranking list is processed sequentially. Leave also your location, because particularly interesting location are sometimes treated preferentially.

Regards,  
Egon Wanke