

LocoNet Power Unit 63 100



For Expanding the LocoNet

Why do you need the Power Unit?

The Intellibox and Twin Center supply your LocoNet with 0.5A supply current (LocoNet T output) or 0.2A (LocoNet B output) for powering devices on the network. If many devices (IB-Control, IB-Switch etc.) are to be driven the max. load can be exceeded.

To calculate the power load on the LocoNet you must use the following values

IB-Control 65 400	0.12A
IB-Switch 65 800	0.14A
FRED 66 000	0.02A
Feedback Unit 63 340	0.01A
Feedback Unit 63 350	0.12A
LISSY receiver	0.025A

If for example three IB-Controls and one IB-Switch are connected to the Intellibox, the max. load capacity of the LocoNet T output has been reached. If more devices are to be connected you must use the Power Unit 63 100 to supply the additional units.

Description

The Power Unit 63 100 serves to divide the your model railway's LocoNet network into subnets and supplies the LocoNet devices on the subnet with power. The enclosed plug-in network component provides up to 0.5A.

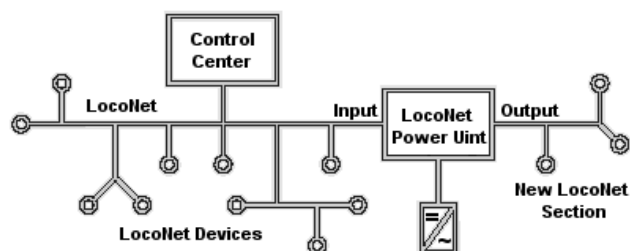
The indicators on the front of the module show the power usage of the subnet. If the indication is Green the module is ready for use and the subnet is loaded with less than 0.2A. If the indication is Yellow the power usage is between 0.2A and 0.5A. When the max. load of 0.5A is exceeded the indicator turns Red.

Note: Power Unit supplies the connected subnet with DC potential on pins 1 and 6 of the LocoNet connector. If the module is connected to the Intellibox LocoNet B output power on pins 1 and 6 to the booster are not forwarded through the module.

Connection

Connect the supplied AC adaptor to the socket labeled "9V Netzteil". Use only the supplied adaptor and no other transformer.

Connect the subnet from the Intellibox to the LocoNet socket with input ("Eingang") label. The LocoNet socket labeled output ("Ausgang") is the power supply for the new subnet.



Tip

Use a switchable power distribution board to connect the Intellibox transformer and the AC adaptor for this Power Unit. That way both units can be turned on and off simultaneously.

Our contact Details:

On our products have a two year warrantee from date of purchase.

Service

In the event of a defect or failure send the unit together with the invoice and a short description of the fault back to us for repair.

Hotline

We are available if you have any questions!
Your direct line to a technician: **0 20 45 - 85 83 27**
Mon - Tue - Thu - Fri, 14:00~16:
00 and Wed 16:00~18:00