

NAWI® DIGITAL CENTER

NEW GENERATION ALL-IN-ONE MULTIPROTOCOL
DIGITAL CENTER WITH INTERFACE BRIDGE FOR ALL
DIGITAL STANDARDS



NAWI®

LocoNet

XpressNet

S88

CAN

Ethernet

DCC

MM

USB

microSD

Sniffer

RailCom

3A booster

PMOLED display

Touch surface

NAWi® DIGITAL CENTER

- NaWi® digital center is the first digital center which makes a bridge between different interfaces without limitations!
- Powerful 32-bit RISC processor

LocoNet

- Supports LocoNet® master and LocoNet® slave operations
- Full slot range supported
- Independent LocoNet® rail sync output
- Perfect choice for FREMO
- Easy FRED programming with Autopickup® feature



XpressNet

- XpressNet® master operation
- Can handle XpressNet® and X-Bus based hand controllers (Multimaus®, Lokmaus)



S88

- Supports S88 and S88-N feedback modules up to 2048 inputs
- Translation of feedback information to all interfaces: LocoNet®, XpressNet®, CAN, Ethernet, USB

CAN

- Ready to support new CAN bus based digital standard
- Full feature CAN interface for OpenLCB and NMRANet which can be activated with easy firmware updates from microSD

Ethernet

- Full-documented custom open-source ethernet protocol
- Free protocol documentation for developers
- Easy to use free application for smartphones and tablets
- Locomotive and Route control
- Fast 100MBit/s ethernet with DHCP support



USB

- Opto-isolated USB port for safe PC connection
- Supports many PC interface standard (LocoBuffer, LI101)
- Easy to use with TrainController® or JMRI PC software

microSD

- SDHC support up to 64GB
- Future expansion interface for new features
- Easy firmware upgrade via microSD card

Touch surface

- High brightness PMOLED display
- Easy to navigate menus
- Capacitive touch buttons and throttle slider
- 5 user-configurable buttons for accessory decoder
- Fast access to F0-F9 functions via numeric keyboard



Autopickup® feature

- Do you have to read the new Locomotive's address to control? No more!
- With enabled Autopickup® feature the digital center automatically reads the address of locomotive and gives control to your hand via Front controller
- The Autopickup® feature also supports decoders without RailCom®!

High power, high possibilities!

- 3A main track output
- 2A LocoNet RailSync output
- User configurable, stabilized track output voltage (9-19V) to any gauges
- 2A programming track output
- 8-32V AC or DC power input
- CDE interface for boosters



For more information please visit our website:

<http://www.trainmodules.hu/>