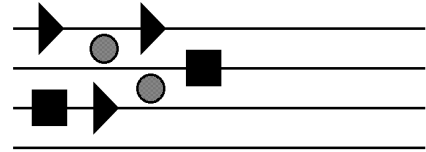




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Single Unit Rack for V72-type Modules

PRODUCT INFORMATION **N-Tainer**

Audio modules in so-called „V72-Technik“ are still highly appreciated due to their outstanding quality of both craftsmanship and performance. These cross-compatible modules were developed by various first-class german manufacturers like Neumann, Telefunken, Maihak or TAB in the 1950s and 60s, after the exceedingly high standards set by the federal German broadcasting association.

However, as the multipin connectors of these units carry both audio *and* full mains voltage, any stand-alone use with “open wiring” bears a serious risk and must be strongly advised against.

The N-Tainer provides easy and safe connection of these modules as well as their mobile use, independent from any bulky racks and carrier frames. Apart from its purely practical design which exceeds existing safety standards by far, component quality and craftsmanship follow the high standards as known from „classical“ German – or Swiss - broadcast and studio gear manufacturers.

General Information

The N-Tainer is a mobile system carrier for modules like microphone powering devices (e.g. N52T) or amplifier units (e.g. V72a/V74). The fully protective-grounded case is made from rugged aluminium profile with precision machined connector panels.

Inserting the unlocked module into the N-Tainer is very simple. Due to integrated guide bushings, it centers itself automatically. When engaging the lock lever again, the module is instantly connected, mechanically secured and ready for use.

For modules with differing connection properties, mechanical dimensions or functions, appropriate modifications are available on request.

Connections

The N-Tainer’s connections electrically comply with those of the inserted module. In case of mic powering units like the N52T, all supply and control voltages are usually wired to a 6-pin Kleintuchel socket. Audio signal is available at a male XLR connector with AES/EBU signal polarity. The version for microphone preamplifiers like the V72a is equipped with XLR connectors for both signal in- and output.

In addition, the N-Tainer is available with switchable phantom or T-powering complying with DIN specifications.

Mains Connection

Mains connection is made via a 3-pin IEC/CEE cord. This standard is widely common and enables the user to operate the unit in countries with different mains standards without problems. The mains system must provide third-wire protective earth. Protective earth and signal ground are not combined in order to avoid grounding problems. The required mains voltage corresponds with the setting of the module itself, as well as the rating of a primary fuse found on the rear panel.

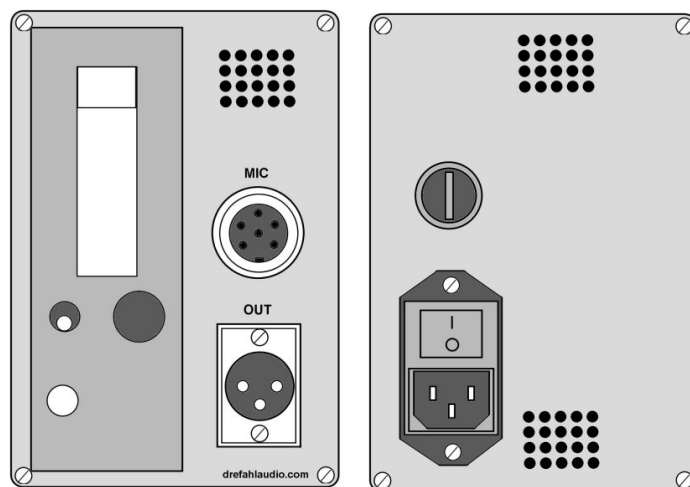
In order to achieve optimum mains interference rejection, the N-Tainer is equipped with additional, highly effective mains filtering.

Options

- Phantom powering 48V according to DIN
- T-/parallel powering 12V according to DIN
- user-specific powering options
- Carrying handle
- Audio connections according to user specifications
- Case feet

Technical Specifications

Mains voltage:	according to module used
Power consumption:	according to module used
Environments:	0...50°C, dry indoor
Mains connector:	IEC-CEE, 3-pin with protective earth
Microphone connector:	XLR 3-pin or as requested
Signal output:	XLR 3-pin or as requested
Case:	Extruded aluminium profile, silver anodized
Dimensions:	290 x 145 x 105 mm
Weight:	1.6 kg approx. (without module inserted)
CE-Conformity:	EG-Niederspannungsrichtlinie 73/23/EWG, Anhang I DIN EN 50081-1:1992
	All components and materials comply with RoHS/WEEE.



drefahaudio 9/2006 – technical improvements reserved – pictures not true to scale