

STUDER

PROFESSIONAL AUDIO EQUIPMENT

Service Information

Nachhallfolie EMT 240 in Verbindung
mit STUDER-Mischpulten

Service Information SI 17/77 D

EMT 240 Reverb Foil in connection
with STUDER Mixing Desks

Service Information SI 17/77 E

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Nachhallfolie EMT 240 in Verbindung mit STUDER-
Mischpulten

In der STUDER Nachhalleinheit 1.091.019 ist eine Fernbedienung für EMT Nachhallgeräte eingebaut. Um alle Bedienungsfunktionen (inklusive Ferneinschalten) dabei steuern zu können, sind an der Nachhallfolie EMT 240 folgende Änderungen durchzuführen:

1. Nach Entfernen der rechten Seitenwand die Verbindungsflasche so verstellen, dass das Gehäuse mit + verbunden ist. (s. Bedienungsanleitung Seite 14).
2. Nach zusätzlichem Entfernen der Abdeckhaube hinter dem Anschluss Netz und Fernbedienung, (Achtung: Netzstecker muss ausgezogen sein!) sind am 8-poligen Anschlussstecker die 3 blauen Kabel abzulöten (Punkt 7). Es ist auszumessen, welches der 3 Kabel an Anschluss 5 der Netztrafo-Leiterplatte führt. Dieses ist wieder an den Anschlussstecker (Punkt 7) anzulöten, die beiden anderen sind freitragend zu verbinden und zu isolieren.

Das Ferneinschalten der Nachhalleinheit ist nun vom Pult aus möglich.

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B. Kohler / js

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EMT 240 Reverb Foil in connection with STUDER
Mixing Desks

A Remote Control for EMT Reverberation Units is built in the STUDER Reverb Unit 1.091.019. In order to enable all operations to be remote controlled (inclusive remote power on) the following modifications have to be made in the EMT 240:

1. After removing the right cover plate the ground strap should be connected to + (see page 14 on instruction manual).
2. After also removing the small box covering the power and remote line connectors, unsolder the three blue wires from pin 7 of the 8-pole connector. Check by means of an ohm-meter which one of the three wires leads to point 5 of the power-transformer printboard. This one then has to be connected to pin 7 again, the other two have to be interconnected and insulated.

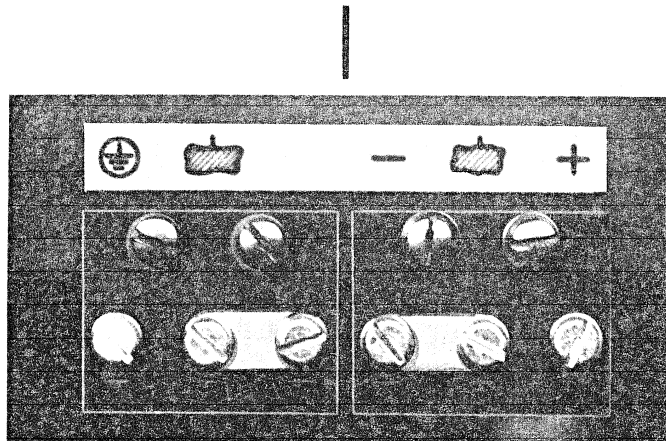
The remote power switching of the EMT 240 Reverb Foil is now possible.

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Adjustments

Connection of Chassis power supply voltage protective AC ground external 0-volt.



Chassis protective AC ground: Connected when strap is on left hand side.

The unit comes delivered with the chassis protective AC ground connected.

Chassis power supply voltage: The strap in the left position connects -24 V with chassis, in the right position +24 V with chassis.

One of the two potentials must always be connected to chassis!

The unit comes delivered with the connection -24 V and chassis.

Chassis external 0-volt: under "external 0-volt" one means the potential of the connected cable shields of the input and output cables (pin 1 on the Switchcraft or Cannon connector). They can be connected to chassis by means of a strap on the amplifier mating rack connector. The unit is delivered with this strap connected on each channel.

A change in the wiring as delivered from the factor is only then necessary if hum results on installation. When operating the unit in a van from 24 VDC, that side of the supply must be grounded to the chassis which is also grounded in the van, otherwise a short circuit may result from screws on the unit's case touching metal parts of the vehicle.