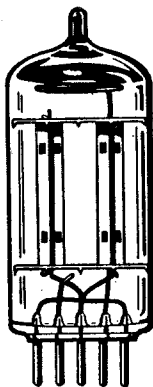


ENGL

Tube-Preamplifier

TYPE 620



**OPERATING
INSTRUCTION**

Main switch - Preamp on/off

Back Panel:

Main supply connector (A.C.), combined with the main fuse;
change damaged fuse only against the same value

Back compartment = Main fuse

Front compartment = Spare fuse

XX

With Midi

Write - store switch; to program the working mode of the preamp (Clean/Lead) into the Midi-programmes (00-99 Omni-mode)

With Midi

Control Led - light up short if the programming is done; (a Write-delay time about two seconds is to protect against in advertantly programming)
Also it indicates you memory error if flashing; switch off and on again the preamp to reset the memory system.

With Midi or Program System

Program System out - Data output for other Engl rack-parts, which can be programmed through Program System

With Midi

Midi Thru - a loop to transfer Midi-data to other Midi devices

With Midi

Midi In - Midi input; to supply the preamp with Midi-informations (e.g. from a Midi footpedal)

With Program System

Program System In - Program System Input; to supply the preamp with Program System data, coming from another Engl rack part

Footswitch

- Write - only in addition with the Midi-computer (if it is installed) allows you external programming via foot-switch
- Clean/Lead - channel selection via external footswitch
- Send - effect loop output; (to the effect device)
- Return R - effect loop input; right channel (from the effect device)
- Return L - effect loop input; left channel (from the effect device)
- Instrument Line - switch to select the output level
- Instrument: Lo > switch between both
Line : Hi only with P.A. being off!

Technical data:

Tubes: 3x ECC 83/12 AX 7/ 7025
The tubes are matched!

(Midi): Computer with memory back up; receiving Omni-mode, 100 channels;

(Program System): electronic-board to receive and send Program System data (Channel selection) from Midi-Computer card which is installed in another Engl Rack system

Fuses: extern - 160 mA with 220V
 - 315 mA with 120V
 intern - 200 mA with 220V
 - 400 mA with 120V

Case: 19"-system; 1 unit
size: 24 cm
weight: 3,5 kg

Technical things are subject to change!