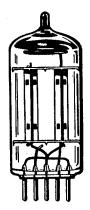


TYPE 620



OPERATING INSTRUCTION

Caution!

Before switching on the preamp, please take notice of the voltagelevel, which is printed beside the A.C. connector. It must show you the same value as you main supply has.

With the Engl-Preamp typ 620, you have purchased an expansible 19"-Tube-Preamp with two channels (Clean-/Leadchannel), and top-quality basic-sounds, and also it offers you a lot of variations through its fourfold tone control system and a stereo effect loop.

Frontpanel:

Input - input for guitar

Gain - Gain-control, to adjust the level from different guitar pick ups; in Lead-mode it controls also the overdrive-level

Mid-Boost - boosting of low mids

Bright - boosting of the high tone spectrum

Lead - overdrive level in the Lead channel, together with Gain- and Leadcontrols you are able to tune the proportion between Clean- and Leadlevel

Lead-Boost - Boosting of the Lead-level, gives you more bassful and soft Leadsounds

Bass - bass control

Middle - middle control

Treble - treble control

Presence - tone control for high frequency with another sphere of action as the treble-control (e.g. if using P.A. without presence control or for mixing-consoles)

Clean/Lead - channel selector switch; the LED above the respective master volume control shows you the working-mode (flashing means selected through Midi-information)

Clean Ma. - volume master control for the Clean channel

Lead Ma. - volume master control for the Lead channel

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

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 Midiinformations (e.g. from a Midi footpedal)

With Program System

Program

System In - Program System Input; to supply the preamp with Program System data, comming 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!

(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!