

# Red 6

## microphone preamplifier and equaliser



The Red 6 is a combined microphone preamplifier and equaliser. Like the Red 2, the Red 6 can accept line level input (such as from a tape machine or high output instrument). In addition, its microphone preamplifier allows the Red 6 to accept mic level input (from microphones and low output instruments) which makes it an excellent recording tool. Instead of using a channel on a mixing desk when recording from a microphone, you can use the Red 6 to record direct to a track on tape, monitoring using the tape return from the tape machine. This ensures the highest quality signal onto tape, since it removes unwanted elements from the signal chain and so reduces the amount of noise added to the signal.

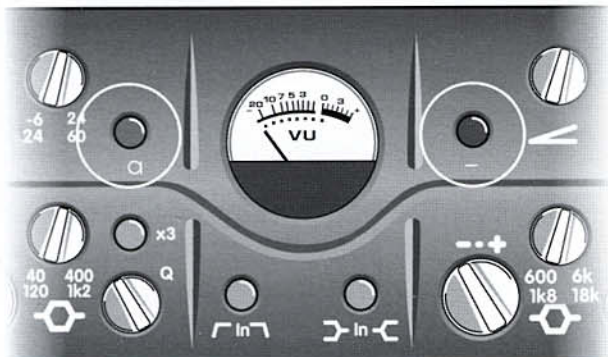
There are two separate parts to the Red 6:

- Microphone preamplifier
- Equaliser

### Microphone Preamplifier

The microphone preamplifier has all the features of a single channel of a Red 1, with the following additions:

- You can switch between mic and line level inputs using the switches on either side of the meter.
- The red switch to the left of the meter activates the mic level input, and allows you to use the mic gain control next to it. The green switch to the right of the meter activates the line level input, and allows you to use the line level gain control

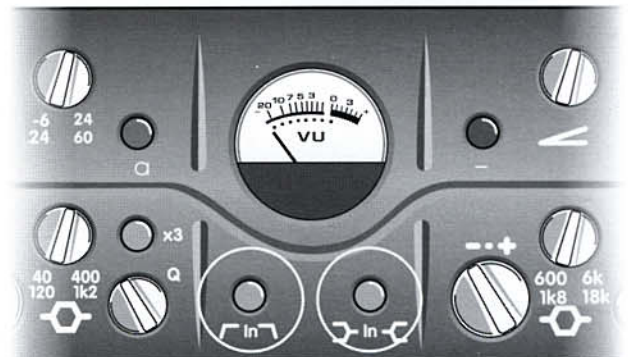


- The gain switch for the microphone input (labelled 24 - 60) modifies the amount of gain available with the gain control. When the gain switch is not lit, you can add between -6 dB and +24 dB gain to the input signal; when the switch is lit, you can add between 24 dB and 60 dB gain.
- The gain control at the right hand end of the module in a final fader level output. This lets you trim the output level of the Red 6 to match the input level of the next device. If you need information on how to use any of the other features of the microphone preamplifier, refer to the section on the Red 1 earlier in this guide.

### Equaliser

The equaliser has all the features of a single channel of a Red 2, with the following additions:

- The high- and low-pass filters are continuous instead of switched
- The two buttons below the meter activate the equaliser. The button on the left activates just the high- and low-pass filters. The button on the right activates all the functions of the equaliser.



If you need information on how to use any of the other features of the equaliser, refer to the section on the Red 2 earlier in this guide.