Midian’s NFBF-10 is a single channel 600 ohm balanced line audio amplifier with a tunable notch filter and AGC as well as an adjustable gain output stage. It can be used in several ways. It can serve as a single channel line audio amplifier, an AGC amplifier or a tunable notch filter or a combination of these functions. Its most common use is to remove the 2175 Hz tone remote keying tone from voice recording systems and 1950 Hz pilot tone from voting systems.

NFBF-10 Features

• 600 ohm balanced input to 600 ohm balanced output
• Three 10K ohm unbalanced mixable adjustable inputs
• One 600 ohm balanced adjustable input
• One adjustable output gain control for either 600 ohm balanced or 10K ohm unbalanced
• Notch Filter: Removes an undesired tone while passing voice

Jumper selectable features:
• Straight through from balanced or unbalanced inputs
• AGC for constant level from balanced/unbalanced inputs
• Tunable state variable Notch filter
• Tunable Band Pass filter
• Tunable High Pass filter
• Tunable Low Pass filter
• RF bypass caps on the balanced and unbalanced inputs
• Includes AC adapter with internal 15v regulator
• Two RJ-11 connectors, 1 for input 1 for output

• Dimensions: 3.6” L x 2.25” W x 1.52” H
• Optional lightning protection for phone line use
• Optional ring voltage/DC blocking caps to bypass ring voltage and/or DC from the input to the output connector

NFBF-1 Features

• One unbalanced input to one unbalanced output
• Notch Filter: Removes an undesired tone while passing voice
• Band Pass Filter: The unit will pass the desired tone while removing all other tones and/or voice

• Dimensions: 3.6” L x 2.25” W x 1.52” H