

The Jake's Custom Shop Buffered Mixer is a general purpose five-channel active mixer. Four main inputs have individual volume control. A fixed, unit-gain auxiliary input is also available. All 5 inputs are controlled by a singular master volume control. All inputs have a maximum gain of 1 V/V.

SECTION I - Electrical Characteristics

Attribute	Min	Typ. [mA]	Max
Current Draw [mA] +12V +5V -12V		11.4 0 11.3	
Audio Inputs [V]	-10		+10
Mixed Outputs [V]	-10		+10
Attenuation			0 dB

SECTION II – Functionality

Input	
Attribute	Data
IN1, IN2, IN3, IN4	Buffered audio inputs with volume control by corresponding potentiometers.
Aux IN	Auxiliary input.
Power	10-Pin shrouded IDC
Output	
Attribute	Data
Audio Out	Mixed output controlled by Master volume potentiometer

SECTION III – Mechanical Data

Attribute	Data
PCB dimensions	29 x 106.5 mm
Panel dimensions	30 x 128.5 mm (6HPX3U)
Depth of panel	25 mm

