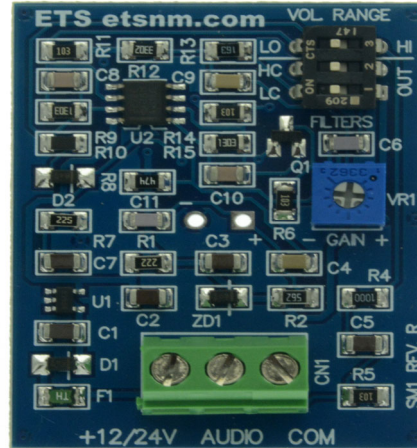


SM1 Pre-amplifier board options

SM1 Default option

- 500Hz-16Khz Frequency response.
- Switch selectable hi-cut/low-cut filters limit frequency response to 900-6khz significantly reducing background noise.
- Switch selectable volume range:
"Line level" (0db) or
"Microphone level" (-30db)
- Adjustable gain in both volume ranges.
- 100 Ohm unbalanced output.
- Internal peak limiter circuit (.5 sec response)
- PTTC Fused and Reverse polarity protected
- Power: 12 to 24VDC @ 10mA.
- Dimensions: L 1.9 x W 1.5 x H 0.5



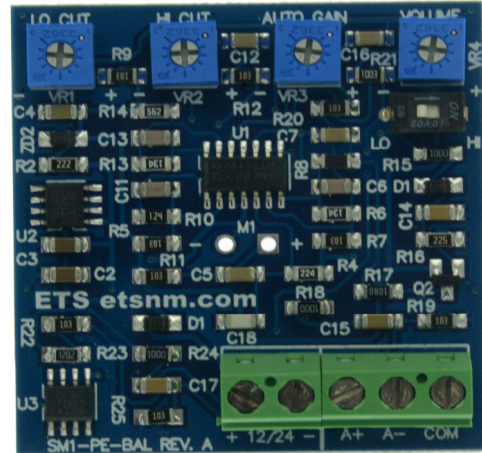
SM1-X-PE Add -PE to SM1 P/N

- 500Hz-16Khz Frequency response (hi-cut and lo-cut off)
- Adjustable lo-cut filter: (500hz to 1Khz)
- Adjustable hi-cut filter: (5Khz to 16Kz)
- Adjustable automatic gain control. (compression range 1:1-10:1).
- Switch selectable volume range:
"Line level" (0db) or
"Microphone level" (-30db)
- Adjustable output level (post AGC).
- 100 Ohm unbalanced output.
- PTTC Fused and Reverse polarity protected
- Power: 12-24vdc @ 15ma
- Dimensions: L 2.0 x W 1.9 x H 0.5



SM1-X-PEB Add -PEB to SM1 P/N

- 500Hz-16Khz Frequency response (hi-cut and lo-cut off)
- Adjustable lo-cut filter: (500hz to 1Khz)
- Adjustable hi-cut filter: (5Khz to 16Kz)
- Adjustable automatic gain control. (compression range 1:1-10:1).
- Switch selectable volume range: "Line level" (0db) or "Microphone level" (-30db)
- Adjustable output level (post AGC).
- 100 Ohm balanced output.
- PTTC Fused and Reverse polarity protected
- Power: 12-24vdc @15ma
- Dimensions: L 2.0 x W 1.9 x H 0.5



SM1-X-P Add -P to SM1 P/N

- 500Hz-16Khz Frequency response (hi-cut and lo-cut off)
- Adjustable lo-cut filter: (500hz to 1Khz)
- Adjustable hi-cut filter: (5Khz to 16Kz)
- Adjustable automatic gain control. (compression range 1:1-10:1).
- Switch selectable volume range: "Line level" (0db) or "Microphone level" (-30db)
- Adjustable output level (post AGC).
- 100 Ohm unbalanced output.
- PTTC Fused and Reverse polarity protected
- Power: 12-60vdc or 6-48vac @ 20ma
- Dimensions: L 2.0 x W 1.9 x H 0.5

