

# Palladium 1842

## DESCRIPTION :

The Palladium 1842 - 24 input Mixer designed for high end Professional sound applications.

Ideal for live, front-of-house and touring audio applications.



## FEATURES :

- Premium 24 Input Mixer (18 Mic + 6 Stereo) with state of the art pre amps.
- 3 band EQ with mid-sweep on Mono Inputs, 4 band EQ on Stereo.
- Channel inserts & direct outs on each Mono Channel.
- Low cut switch on each Channel.
- Line/USB selections on Stereo channel.
- Sub group & main L-R signal assignment switches on each channel.
- 4 Aux sends per channel: 2 Pre / Post & 2 Post.
- High Quality 24 bit Digital EFX Processor.
- USB Interface with playback and record.
- Globally switched +48V phantom power.
- 4 Group output with fader and individual inserts.
- Separate mono output with level control.
- Stereo playback input/rec out RCA jack.
- Separate control room output.
- Standard USB type lamp socket.
- Balanced XLR & 1/4" jack master outputs.

## SPECIFICATIONS :

| Series                                     | Palladium Series       |
|--------------------------------------------|------------------------|
| Max Gain (Mic/Line/Stereo Mic/Stereo Line) | 80dB, 60dB, 70dB, 50dB |
| Mic (Gain Min/Gain Max)                    | -10dB/-60dBu           |
| Line (Gain Min /Gain Max)                  | +10dB/-40dB            |
| Stereo Line (Gain Min /Gain Max)           | +10dBu/-30dBu          |
| Stereo Mic (Gain Min/Gain Max)             | -10dB/-50dB            |
| Mic Input                                  | > 5KOhm                |
| Line input                                 | > 20KOhm               |
| Aux Return Input                           | > 20KOhm               |
| Tape Record Inputs                         | > 20KOhm               |

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Frequency Response                       | 20Hz to 20KHz (+0/-2dB)             |
| Total Harmonic Distortion                | <0.006%                             |
| Mono MIC (Treble/Mid with Sweep/Bass)    | ±15dB @12KHz / 100Hz to 8KHz / 80Hz |
| Stereo Line (Treble/Mid-Hi/Mid-Low/Bass) | ±15dB @12KHz / 3KHz / 500Hz /80Hz   |
| Phantom Supply                           | +48V                                |
| Power Supply                             | 150V-240V~50Hz, 60W max             |
| Dimensions (W x D x H in mm)             | 695 x 455 x 115mm                   |
| Net Weight (Kgs.)                        | 10                                  |

*Specifications from the official SM Professional literature. Issued for customer reference.*