

MIDAS VENICE SERIES PERFORMANCE SPECIFICATIONS

Features and Specifications

| | Venice 160 | Venice 240 | Venice 320 |
|-------------------------------------|------------|--------------|------------|
| Inputs (total) | 30 | 38 | 46 |
| Mono-Inputs (Mic/Line) with Inserts | 8 | 16 | 24 |
| Stereo-Line/Mono-Mic-Input Channels | 4/4 | 4/4 | 4/4 |
| Stereo-Effect>Returns (Line) | 4 | 4 | 4 |
| Stereo-Tape-Return (Line) | | 1 left/right | |

Busses

| | | | |
|-------------------------------|--|----|--|
| Subgroups | | 15 | |
| Aux Pre-Fader (Monitor) | | 4 | |
| Aux Post-Fader (Effects) | | 2 | |
| Aux switchable Pre/Post-Fader | | 2 | |
| Master L/R | | 2 | |
| Mono-PFL | | 1 | |
| Stereo-AFL | | 2 | |

Outputs

| | | | |
|--|--------------------------------------|----|----|
| Subgroups (with Inserts) | 4 impedanced balanced 1/4 inch jacks | | |
| Aux Pre-Fader (Monitor) | 2 XLR (balanced) | | |
| Aux Post-Fader (Effects) | 2 impedanced balanced 1/4 inch jacks | | |
| Aux switchable Pre/Post-Fader | 2 XLR (balanced) | | |
| Master (with Inserts) | 2 XLR (balanced) | | |
| Master B Out | 2 XLR (balanced) | | |
| (switchable Mono/Stereo, pre-post Fader) | | | |
| Tape Send (Recording) | 1 Stereo (Phono) | | |
| Direct Outputs (1/4 inch Jack) | 8 | 16 | 24 |
| Stereo-Headphones | 2 Stereo-1/4 inch jack | | |
| Stereo-Speakers | 2 impedanced balanced 1/4 inch jacks | | |

Additional Features

| | | | |
|---------------------------|------------------------|---|---|
| Connector for desk lamps | 2 x 12V/5W (4-Pin XLR) | | |
| 19" rack-mounting- kit, | yes | - | - |
| rotatable connector panel | yes | - | - |

Accessories

Dust Cover (included)
12 V Desk Lamp (not included)
Input Transformer (not included)

Technical Data

Input Impedance

| | |
|------|-----------------------|
| Mic | 2k Ω Balanced |
| Line | 20k Ω Balanced |

Input Gain

| | |
|-----------------------|--------------------------------------|
| Mic | Continuously variable 0dB to +60dB |
| Line (Mono Channel) | Continuously variable -20dB to +40dB |
| Line (Stereo Channel) | Continuously variable -10dB to +20dB |
| Line Level Inputs | 0dB |

Maximum Input Level

| | |
|----------------------------|--------|
| Microphone and Line | +22dBu |
| Line Level Inputs (Mono) | +42dBu |
| Line Level Inputs (Stereo) | +22dBu |

CMR at 1kHz

| | |
|------------------|--------|
| Mic (Gain +30dB) | > 80dB |
| Line | > 40dB |

CMR at 100Hz

| | |
|------------------|--------------|
| Mic (Gain +30dB) | 70dB typical |
|------------------|--------------|

Frequency Response (20Hz-20kHz)

| | |
|-------------------------|---------------|
| Mic to Mix (Gain +60dB) | + 0dB to -1dB |
|-------------------------|---------------|

Noise (20Hz-20kHz)

| | |
|--------------------------------------|---------|
| Mic EIN ref. 150 Ω gain +60dB | -129dBu |
| Mic EIN ref. 150 Ω gain 0dB | -107dBu |

System Noise (20Hz-20kHz)

| | |
|---|--------|
| Summing Noise (12 channels routed, faders down) | -90dBu |
| Line to Mix Noise (12 channels routet at 0dB) | -84dBu |

Distortion at 1kHz

| | |
|---|-------------|
| Mic to Insert (+30dB Gain, +20dBu Output) | Typ 0,0007% |
| Mic to Master (+30dB Gain, +20dBu Output) | < 0,009% |

Crosstalk at 1kHz

| | |
|--------------------|---------|
| Channel to Channel | < -80dB |
| Mix to Mix | < -80dB |
| Channel to Mix | < -80dB |
| Fader Attenuation | > 100dB |
| Switch Rejection | > 100dB |

Output Impedance

| | |
|--------------|----------------------|
| Line Outputs | 75 Ω balanced |
| Headphones | to drive 32 Ω |

Maximum Output Level

| | |
|----------------|-----------------------|
| Master Outputs | +25dBu |
| Line Outputs | +22dBu |
| Headphones | +22dBu / 600 Ω |

Nominal Signal Level

| | |
|------------|-----------------|
| Microphone | - 60dBu to 0dBu |
| Line | 0dBu |

Equaliser Mono Channel

| | |
|----------------|---|
| Hi Pass Filter | 2nd order Butterworth, 80Hz |
| Treble | +/-15dB at 12kHz (Shelv) |
| Hi Mid | Continuously variable 100Hz to 2kHz (1 Oct) +/-15dB |
| Lo Mid | Continuously variable 400Hz to 8kHz (1 Oct) +/-15dB |
| Bass | + /-15dB at 80Hz (Shelv) |

Equaliser Stereo Channel

| | |
|--------|--------------------------|
| Treble | +/-15dB at 12kHz (Shelv) |
| Hi Mid | 3kHz (1,4 Oct) +/-15dB |
| Lo Mid | 300Hz (1,4 Oct) +/-15dB |
| Bass | +/-15dB at 80Hz (Shelv) |

Size (mm/inch)

| | | | |
|---------|-------------|-------------|-------------|
| Width | 490 / 19.3" | 698 / 27.5" | 906 / 35.7" |
| Depth | 568 / 22.4" | 568 / 22.4" | 568 / 22.4" |
| Heights | 194 / 7.6" | 194 / 7.6" | 194 / 7.6" |

Weight (kg/lb)

| | | | |
|--|-------------|-------------|-------------|
| | 16,4 / 36.2 | 21,1 / 46.5 | 25,8 / 56.9 |
|--|-------------|-------------|-------------|