

# XENYX X2442USB X2222USB / X1832USB X1622USB / X1222USB X1204USB / 1204USB

## Specifications

### Mono Inputs

|   |  |
|---|--|
| <b>Microphone inputs (XENYX Mic preamp)</b> |  |
| Type  | XLR connector, electronically balanced, discrete input circuit |
| <b>Mic E.I.N.1 (20 Hz - 20 kHz)</b>         |  |
| @ 0 $\Omega$ source resistance              | -134 dB 135.7 dB A-weighted                                    |
| @ 50 $\Omega$ source resistance             | -131 dB 133.3 dB A-weighted                                    |
| @ 150 $\Omega$ source resistance            | -129 dB 130.5 dB A-weighted                                    |
| Frequency response (-1 dB)                  | <10 Hz - 150 kHz (-1 dB)                                       |
| Frequency response (-3 dB)                  | <10 Hz - 200 kHz (-3 dB)                                       |
| Gain range                                  | +10 dB to +60 dB   |
| Max. input level                            | +12 dBu @ +10 dB GAIN  |
| Impedance                                   | 2.6 k Ohms balanced  |
| Signal-to-noise ratio                       | 110 dB A-weighted<br>(0 dBu In @ +22 dB GAIN)                  |
| Distortion (THD+N)                          | 0.005% / 0.004% A-weighted                                     |
| Phantom Power                               | Switchable, +48 V  |

### Line Input

|                  |   |
|------------------|---|
| Type             | ¼" TRS jack, electronically balanced        |
| Impedance        | 20 k Ohms balanced,<br>10 k Ohms unbalanced |
| Gain range       | -10 dB to +40 dB                            |
| Max. input level | 30 dBu                                      |

### Frequency Response (Mic In – Main Out)

|                  |               |
|------------------|---------------|
| <10 Hz - 90 kHz  | +0 dB / -1 dB |
| <10 Hz - 160 kHz | +0 dB / -3 dB |

### Stereo Inputs

|                  |   |
|------------------|---|
| Type             | ¼" TRS jack, balanced                       |
| Impedance        | 20 k Ohms balanced,<br>10 k Ohms unbalanced |
| Gain range       | -20 dB to +20 dB                            |
| Max. input level | +22 dBu                                     |

### CD/Tape In

|                  |               |
|------------------|---------------|
| Type             | RCA connector |
| Impedance        | 10 k Ohms     |
| Max. input level | +22 dBu       |

### Equalizer 3-band

|      |                       |
|------|-----------------------|
| LOW  | 80 Hz / $\pm$ 15 dB   |
| MID  | 2.5 kHz / $\pm$ 15 dB |
| HIGH | 12 kHz / $\pm$ 15 dB  |

### Equalizer 3-band Semi-Parametric

|      |                         |
|------|-------------------------|
| LOW  | 80 Hz / $\pm$ 15 dB     |
| FREQ | Variable 100 Hz - 8 kHz |
| MID  | / $\pm$ 15 dB           |
| HIGH | 12 kHz / $\pm$ 15 dB    |

### Equalizer 4-band Fixed

|          |                      |
|----------|----------------------|
| LOW      | 80 Hz / $\pm$ 15 dB  |
| LOW MID  | 500 Hz / $\pm$ 15 dB |
| HIGH MID | 3 kHz / $\pm$ 15 dB  |
| HIGH     | 12 kHz / $\pm$ 15 dB |

### AUX Sends

|                   |                          |
|-------------------|--------------------------|
| Type              | ¼" mono jack, unbalanced |
| Impedance         | 120 Ohms                 |
| Max. output level | +22 dBu                  |

### AUX Returns

|                  |   |
|------------------|---|
| Type             | ¼" TRS connector, balanced                  |
| Impedance        | 20 k Ohms balanced,<br>10 k Ohms unbalanced |
| Max. input level | +22 dBu                                     |

### Main Outputs

|                   |   |
|-------------------|---|
| Type              | XLR, electronically balanced              |
| Impedance         | 240 Ohms balanced,<br>120 Ohms unbalanced |
| Max. output level | +28 dBu                                   |

### Control Room Output

|                   |                             |
|-------------------|-----------------------------|
| Type              | ¼" TS connector, unbalanced |
| Impedance         | 120 Ohms                    |
| Max. output level | +22 dBu                     |

### Phones Output

|                   |                              |
|-------------------|------------------------------|
| Type              | ¼" TRS jack, unbalanced      |
| Max. output level | +19 dBu / 150 Ohms (+25 dBm) |

### CD/Tape Out

|                   |               |
|-------------------|---------------|
| Type              | RCA connector |
| Impedance         | 1 k Ohms      |
| Max. output level | +22 dBu       |

### DSP

|               |   |
|---------------|---|
| Converter     | 24-bit Texas Instruments<br>24-bit Sigma-Delta<br>64/128-times oversampling |
| Sampling Rate | 40 kHz  |

### Main Mix System Data (Noise)

|  |                                 |
|--|---------------------------------|
| Main mix @ - $\infty$ ,<br>@ - $\infty$ A weighted | -105 dB / -108 dB channel fader |
| Main mix @ 0 dB,<br>@ - $\infty$ A weighted        | -95 dB / -97 dB channel fader   |
| Main mix @ 0 dB,<br>@ 0 dB A weighted              | -82.5 dB / -85 dB channel fader |

### Power Supply

|                 |                         |
|-----------------|-------------------------|
| Mains voltage   | 100 - 230 V~, 50/60 Hz  |
| Mains connector | Standard IEC receptacle |

### USB

|             |        |
|-------------|--------|
| Connector   | Type B |
| Converter   | 16-bit |
| Sample Rate | 48 kHz |

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