

The Audio-Mixer

Specifications

Outputs

| | |
|--|---|
| ■ Balanced outputs | Transformerless |
| Master L + R (XLR male) | Nominal: +6 dBu (1,55V), Maximal: +25 dBu (13,6V) |
| Auxiliary L + R (D-SUB 9-P, HRS 12-P) | Nominal: +6 dBu (1,55V), Maximal: +25 dBu (13,6V) |
| ■ Unbalanced outputs | |
| Low level L + R (Cinch) | Selectable, 0 dBu (0,775V) – 40 dBu (7.75 mV) |
| Auxiliary L + R HRS 10p (instead of balanced) | Nominal: +6 dBu (1,55V) |
| HF-Transmitter (Goldcontacts) | 0 dBu |
| Headphone (Jack 6,3 mm) | For headsets with 4-600 Ω impedance |
| Reference-level | -9 dB (settings for: -12 dB, -18 dB on internal dip switches) |
| Limiter working point | +2dB above nominal level (adjustable with trimmer) |

Inputs

| | |
|------------------------|---------------------------------------|
| Microphone-Inputs | Transformer balanced (XLR female) |
| Maximum sensitivity | < 0,15mV (-74 dBu) |
| Maximum input level | > 775 mV (0 dBu) |
| Frequency response | 20-30000 Hz at 1 kHz, +0,5/-1 dB |
| Linear signal to noise | 20-20000 Hz, 0,775mV, 150 Ω > 125 dBm |
| Distortion | < 0,035 % |
| Highpass filter | 80 + 120 Hz 12dB/Oktave |
| Crosstalk | < -61 dB (input signal 15 kHz) |
| LED OVL-indication | -12dB below clipping-level |
| Microphone power | 48 V + 12 V Phantom, 12 V parallel |
| Line inputs | PAD 35 dB |

Power

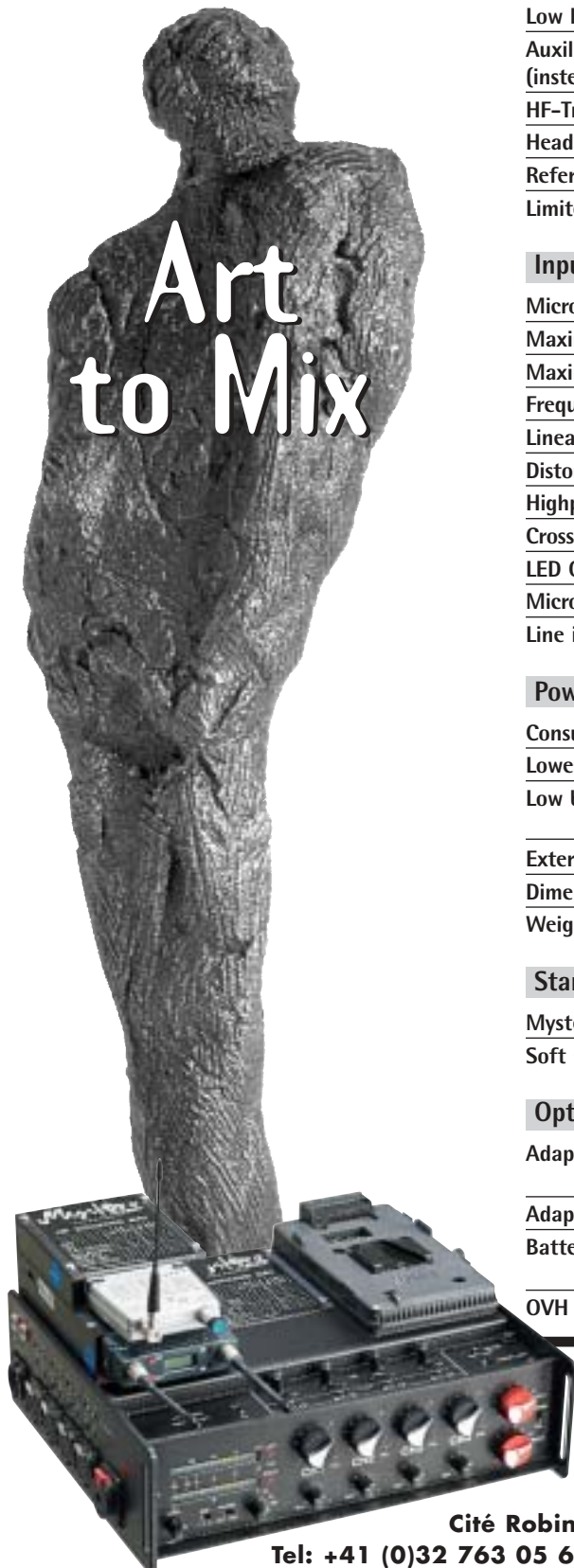
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|------------------------|--|
| Consumption at 12V | 480 mA |
| Lowest working voltage | 9,5 V (Batt-Control: 1 LED) |
| Low batt warning | Last LED on either channel start alternate blinking Warning at 10,5/11,5/12,5 V/ Digi-System selectable |
| External power in | 4 Pol XLR, 12-18 V |
| Dimensions | 270 x 75 x 220mm |
| Weight | 2,6 Kg |

Standard equipment

| | |
|-------------|---|
| Mystère MWS | 4-channel mixer with built-in NP1 battery-housing |
| Soft Case | expandable for different configurations with HF adapters, with shoulder strap |

Options

| | |
|-------------------------|---|
| Adapter for receiver | 1, 2, 3 or 4 pieces to be fixed on the 2 HF-Docking Bays on the mixer cover |
| Adapter for transmitter | 1 or 2 to be mounted with or without receiver |
| Battery plate | Battery mounting plate as used on cameras for high performance batteries |
| OVH | Harness, instead of shoulder strap to protect your back |



A U D I O M I X E R

Mystère

MWS



The portable ENG Sound System

■ **A Unique System of Adapters** allows the integration of up to 4 HF receivers and 2 HF transmitters, thus protecting the equipment while offering unparalleled freedom for working with wireless.

■ **The Ergonomic Layout** of the controls and switches, together with the tactile identification of the master controls, makes "blind operation" of the mixer very easy.

■ **Humidity Resistant Electronics**, transformer-balanced inputs and rugged construction guarantee the reliability of the mixer under the roughest conditions.

■ **External Equipment** such as transmitters, receivers, MD or DAT recorders can be powered by the mixer's battery.

■ **Standard Batteries** as used with cameras can be fixed to the top of the mixer using standard adapter plates.

The Mystère MWS is the result of intense feedback from both users and experienced designers.

Your Distributor



Set-up of the Modular

The Mystère MWS is easily incorporated into mobile recording systems for ENG/EFP, location recording, etc. Due to its innovative design, the mixer contributes substantially to the reliability of the whole system.

The **Modular Wireless System** protects both the transmitters and receivers, as well as eliminating all of the risks inherent with cables such as intermittent connections, phase-inversion, mechanical damage, etc.



Two HF Docking Bays are located on the cover surface. When no adapters are fitted, two isolation plates protect the gold-plated connectors against damage and short circuits.

These connectors carry the audio signals plus the current required to power the HF equipment.

Sophisticated circuitry routes the signals and current through

to three possible locations. This allows the set-up of three adapters on each Docking Bay.

When using receivers and transmitters, the receivers must be mounted first on the mixer with the transmitters on the top. When using transmitters only, these are mounted directly on the cover of the mixer.

Advantages of the system

- No cable connections between the mixer and HF equipment
- Highest possible reliability due to rugged gold-plated connectors
- Power status of all connected equipment at a glance via Digi-View display
- All unused audio outputs of the mixer are available for other applications
- Substantial reduction in the cost of HF equipment

Wireless System (MWS)

■ Battery Control

Selectable for 12V, 13,2V and 14,4V batteries. Digi-View function for precise indication of battery status. All rechargeable batteries can be used.

■ Display Functions

Selectable metering for digital recording or analogue Peak (< 1ms or 10 ms) Battery-status indication with 0.2V precision or in 5%-steps (Digi-View) Dim switch for low light situations.

■ Reference Tone 1 kHz

Selectable reference level: -9, -12, -18dB. Selectable channel identification (250 ms break every 3 seconds on left channel).

■ Return Signal

Selectable for cable or HF reception. The Meter display follows the "Return" switch or shows the input signal (Internal Set-Up).

■ Cascade Operation

A 5-pin Lemo connector allows the mix buses to be routed into a second mixer or the output from a second mixer to be injected into the mix buses.

■ Soft Carry Case

The soft carry case, especially developed for this mixer and designed by Kata, allows access to all controls and switches of the mixer at any time. Its size can be adapted to the varying size of the mixer depending on the number of adapters mounted. The case is designed to accept the OVH harness that protects the rear.

