(Premier

The UTX-H1 is a transmitter for a UHF synthesized wireless microphone system to be used for broadcast or movie production purpose. This transmitter is suitable for Electronic News gathering (ENG) and Electronic Field Production (EFP).

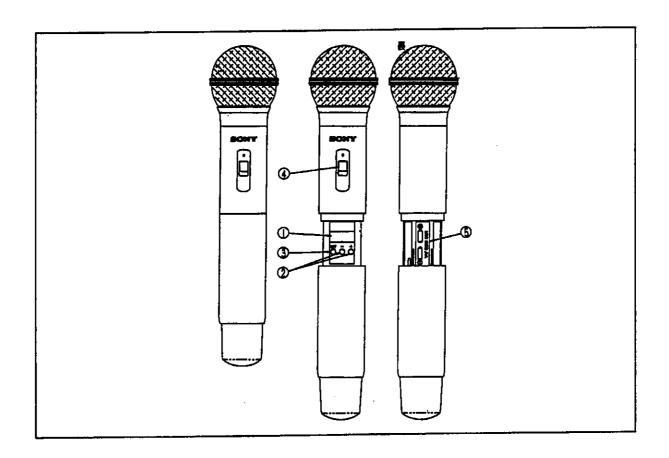
The microphone/ transmitter and tuner of the wireless microphone system are classified by frequency band.

A 24-MHz frequency band is assigned to each microphone/ transmitter and tuner model. In building a UHF wireless microphone system, be sure to combine a microphone/ transmitter and a tuner having the same wireless channel (frequency).

Features

The features of the UTX-H1 are:

- Phase Locked Loop (PLL) synthesized system
- Compact and lightweight
- Operation powered by easily available batteries
- LCD for coordinated operation control
- Saved channel and input attenuation settings
- Highly reliable electronic attenuator
- RF carrier with tone signal
- Wide dynamic range and low noise



Specifications

Transmitter and modular

section

Oscillator

Crystal controlled PLL synthesizer

Type of emission

F3E

Carrier frequencies

758 to 806 MHz

Operating frequency band

24 MHz

Refer to the "Sony Wireless Microphone System Frequency List" supplied

with this manual.

RF power output

30mW / 5mW

Frequency stability

Within ±15 kHz

Total signal

32 kHz

Type of antenna

1/4 -wavelength herical

Pre-emphasis

50 µs

Deviation

±5 kHz (94 dBSPL, 1kHz input)

Maximum Deviation

±40 kHz

Frequency response

50 Hz to 18,000 Hz

Signal-to-noise ratio

60 dB or more (A-weighted, modulation frequency 1 kHz, with ±5 kHz

deviation at tuner)

Power section

Power requirements

3.0V DC, (two LR6/ size AA alkaline batteries)

Battery life

Approx. 6 hours at 25 °C (77°F) with Sony LR6 alkaline batteries (30mW)

Approx. 10 hours at 25 °C (77°F) with Sony LR6 alkaline batteries (5mW)

General

Operating temperature

0 °C to + 50 °C (32 °F to 122 °F)

Storage temperature

-30 °C to +60 °C (-22 °F to +140 °F)

Dimensions

 ϕ 52 x 240 mm (dia / length)

Mass

Approx. 300g including batteries

Supplied accessories

Operating instructions

Sony wireless Microphone System Frequency List (1)

Mic holder (1)

Design and specifications are subject to change without notice.