

HSM-7 WIRELESS ENG / EFP SYSTEM

HEAVY-DUTY MOBILITY FOR ENG (Electronic News Gathering) & EFP (Electronic Field Production)

The HSM-7 ENG & EFP system is configured to include the HSM-7R camera-mountable receiver, durable mini-XLR plug-in HSM-7XT bodypack transmitter and optional EJ-501TM handheld microphone as a pack, allowing for ENG & EFP use on the reporter in studio or in the field, or film production use.

For the ultimate in versatility and performance, the HSM-7 would just be a must-have for any ENG & EFP audio solution when flexibility and portability are required.



HSM-7R



HSM-7XT



- Sturdy aluminum housing (transmitter and receiver).
- Rugged and durable buckle clip design for fixing the transmitter well on the belt .
- LCD with backlight for clear display of battery status and channel number under dimly light conditions.
- Durable and tough hand bag for bringing this system. Battery fuel-level indicators on transmitter and receiver.
- Compact receiver is easy to mount on a camcorder.
- Pilot tone squelch for eliminating RF interference when transmitter is turned off.
- Enhanced frequency bank system with up to 16/96 compatible channels (based on frequency band).
- Soft-touch buttons for easy channel selection.
- Clear and natural sound quality.
- Exceptional transmission stability and long battery life for all ENG, EFP and live reporting situations.
- The transmitter, receiver and handheld microphone are each powered with 2 pcs of AA batteries.
- Reception distance of this system is more than 100 M when in clear line of sight.

16-96

channel



video recording



interview



HM-55C



LM-90C



EM-101



SM-10

HSM-7 CONTAINS:

- 1 x HSM-7R receiver
- 1 x HSM-7XT bodypack transmitter
- 1 x HB-7 carry bag
- 1 x LM-90C lapel mic (mini-XLR jack)
- 1 x SM-10 hot shoe mounting adapter
- 1 x audio transmission cable
- 4 x AA batteries (optional)
- 1 x EJ-501TM handheld microphone (optional)

HSM-7 OVERALL SYSTEM

Oscillation type	PLL synthesized control OSC
Carrier frequency range	514 MHz ~ 865 MHz
Operating temperature	-10°C ~ 50°C
Power requirements	2 X 1.5 V Alkaline batteries
Channels	16 or 96 frequency band dependent
Frequency response	80 Hz ~ 13 kHz @ with HSM-7R
Dynamic range	> 110 dB
T.H.D	< 1%
Operating range	100 M
Dimensions (D x W x H)	26 x 64 x 88 (mm)
Weight	170 g

TRANSMITTER: HSM-7XT

RF output power	10mW, subject to local rules
Spurious emission	< 250 nW
Microphone connector	Mini-XLR
Modulation level	17 kHz
Battery life (Alkaline)	9 hours typical

RECEIVER: HSM-7R

Receiving mode	PLL single-channel
RF spurious rejection	58 dB
IMD rejection	58 dB
Double intermediate	243.95 MHz / 10.7 kHz
Audio level	1.4 V
Audio output	Aux out: 550 / 300 / 100 mV
Earphone connector	3.5 mm
Battery life (Alkaline)	15 hours typical