

TELEX.

FMR-10 UHF

WIRELESS MICROPHONE SYSTEM

UHF

AGILE

10
CHANNELS

UP TO
10
SIMULTANEOUS
SYSTEMS

Telex

CLEAR
SCAN™

Channel

9

Diversity

RF

Audio

-20

-10

0

+3

POWER

Ext

AUDIO

TELEX.

FMR-10 UHF

WIRELESS MICROPHONE SYSTEM



*Professional performance
at an affordable price.*



Key features

- Optimized channel frequencies allow up to 10 systems to operate simultaneously by combining channels from low and high bands, or up to 7 channels within one band.
- 10-channel UHF frequency-agile system with ClearScan™ auto channel selection allows quick setup, transmitter matching, and new channel selection if RF conditions change.
- Posi-Phase™ Diversity receiver technology provides clear, drop-out-free audio.
- Front panel RF and audio level indicators.
- Rack-mount hardware included.
- Three-year warranty.

The Telex® FMR-10 UHF wireless microphone system is a 10-channel, frequency-agile system that provides superb sound and pro-quality features at a truly amazing price. The FMR-10 offers the latest wireless technology innovations, including ClearScan™ automatic channel selection. At the push of a button, ClearScan™ scans for and selects a clear channel for trouble-free operation. And for clear vocals, the HT-10D handheld microphone transmitter features an Electro-Voice® N/DYM® 767a dynamic mic element with VOB™ (Vocally Optimized Bass) technology.

SYSTEM CONFIGURATIONS AND COMPONENTS

FMR-10/HT-10D FMR-10 HANDHELD SYSTEM INCLUDES:

- FMR-10 UHF 10-channel receiver.
- HT-10D handheld microphone transmitter with Electro-Voice® N/DYM® 767a mic element.
- Two 1/4-wave antennas for receiver.
- Rack-mount hardware for one or two receivers.
- Wall pack power supply for receiver.

FMR-10/WT-10 FMR-10 BODYPACK SYSTEM INCLUDES:

- FMR-10 UHF 10-channel receiver.
- WT-10 bodypack transmitter. (No microphone).
- Two 1/4-wave antennas for receiver.
- Rack-mount hardware for one or two receivers.
- Wall pack power supply for receiver.

FMR-10/COMBO FMR-10 COMBO SYSTEM INCLUDES:

- FMR-10 UHF 10-channel receiver.
- HT-10D handheld microphone transmitter with Electro-Voice® N/DYM® 767a mic element.
- WT-10 bodypack transmitter.
- ELM-22S omnidirectional lavalier microphone.
- Two 1/4-wave antennas for receiver.
- Rack-mount hardware for one or two receivers.
- Wall pack power supply for receiver.

FMR-10 UHF SYNTHESIZED WIRELESS MIC RECEIVER.

- Posi-Phase™ Diversity.
- Adjustable amplitude squelch.
- 10 selectable channels.
- Balanced XLR output.
- Two 1/4-wave antennas.
- Rack-mount hardware for one or two receivers.
- Wall pack power supply.

HT-10D UHF SYNTHESIZED WIRELESS HANDHELD TRANSMITTER.

- 10 selectable channels.
- Power on/off and silent audio on/off switches.
- Power and low-battery indicator LEDs.
- Electro-Voice® N/DYM® 767a mic element with VOB™ (Vocally Optimized Bass).
- Operates on single 9-volt battery (not included).

WT-10 UHF SYNTHESIZED WIRELESS BODYPACK TRANSMITTER.

- 10 selectable channels.
- Power on/off and silent audio on/off switches.
- Battery condition / low-battery LED.
- TA-4M mic connector.
- Operates on single 9-volt battery (not included).

Operating Frequencies

LOW BAND		COMPATIBLE CHANNELS		FREQUENCY	UHF TV CHANNEL
CHANNELS	7 LOW	10 TOTAL			
0	●	●		707.45	53
1	●	●		708.25	53
2	●	●		709.25	53
3				710.05	54
4	●			711.65	54
5	●	●		713.85	54
6				715.25	54
7	●	●		718.85	55
8				720.50	55
9	●			721.45	55

HIGH BAND		COMPATIBLE CHANNELS		FREQUENCY	UHF TV CHANNEL
CHANNELS	7 HIGH	10 TOTAL			
0	●	●		725.45	56
1				726.25	56
2	●			727.25	56
3				728.35	57
4	●	●		729.65	57
5	●	●		732.65	57
6				734.05	58
7	●	●		736.45	58
8	●			737.05	58
9	●	●		737.85	58

Accessories & Parts

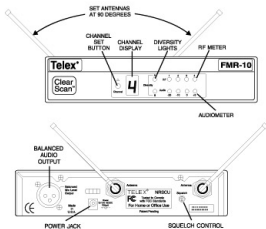
ORDER NUMBER	DESCRIPTION
RM-S (71081-001)	Rack mount kit—single receiver.
RM-D (71081-002)	Rack mount kit—double receivers.
ELM-22S	Omnidirectional lavalier mic with windscreen and clip.
ELM-33S	Unidirectional lavalier mic with windscreen and clip.
SCHS-745	Unidirectional headset condenser mic.
57013-001	ELM windscreen.
70928-001	ELM clip.
450131	Plastic clip for bodypack.
450124	Spring-adjusted mic stand adapter.
730139	120-volt power supply (US/Canada).
UAD-2	Antenna splitter runs 4 FMR-10 receivers.
MSSA	Deluxe handheld mic stand adapter.

Refer to your price sheet for additional models & accessories.

pro-quality

SPECIFICATIONS

FMR-10 Receiver



Controls

Front panel: Channel-set button increments channel setting by one; also activates ClearScan™ and channel-change lockout.
Rear panel: Squelch adjust.

Displays / Indicators

Channel set: 7-segment LCD.
Diversity: A or B LEDs indicate when diversity circuitry switches antennas.
RF Signal Strength: 4-segment LED indicates strength of received signal.
Audio Signal Strength: 4-segment LED indicates audio signal amplitude.

Connectors

XLR mic-level balanced output.

Antennas

1/4-wave, detachable from rear panel.
 Remote antennas and the UAD-2 antenna splitters can be used with FMR-10 receiver.

RF Specifications

Frequency range: 710–734 MHz in two bands
Number of channels: 10
Diversity technology: True diversity with Posi-Phase™
Receiver type: Synthesized PLL
RF sensitivity: < 0.8 µV for 12 dB SINAD
FCC type acceptance: Approved under Part 15.

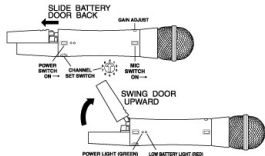
Audio Specifications

Frequency response: 50–15,000 Hz ±2 dB
Audio output: -20 dBV (balanced XLR, 600-ohm load)
Distortion: Less than 0.5%
Signal-to-noise ratio: ≥ 94 dB
Dynamic range: 100 dB

General Specifications

Size (receiver housing): 7.5 in (190 mm) x 5.75 in (145 mm) x 1.7 in (43 mm)

HT-10D Handheld Mic Transmitter



Controls

Power on/off switch. Audio mute switch.
 Audio gain adjust with 40 dB adjustment range.
 Channel select rotary switch.

Displays / Indicators

Green LED indicates power on. Red LED indicates low battery condition when lit.

Battery Life

Approximately 8–10 hours with 9V alkaline.

Antenna

Internal 1/2-wave.

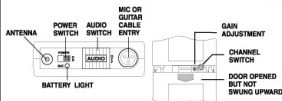
RF Output

10–15 mW typical.

Size

10.75 in (273 mm) long.

WT-10 Bodypack Transmitter



Controls

Power on/off switch.
 Audio mute switch.
 Audio gain adjust with 40 dB adjustment range.
 Channel select rotary switch.

Displays / Indicators

Power on/low battery LED. Red LED flashes on power-up to indicate good battery. LED stays on to indicate low battery voltage.

Battery Life

Approximately 8–10 hours with 9V alkaline.

Antenna

External 1/4 wave.

Connectors

T&E input for mic or guitar.
Pin 1: ground. **Pin 2:** mic input. **Pin 3:** +5V bias.
Pin 4: +5V bias fed through 3k Ω resistor for two-wire electret mics.

RF Output

10–15 mW typical.

Size

2.5 in (63.5 mm) x 4.375 in (111.125 mm) x 0.875 in (22.225 mm)

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