

A Breakthrough in **Audio** Technology



AOR MMT TDF-370

AOR's new Multi-Media Terminal (MMT) is a powerful new tool to add to your station. Listen to amazingly clear audio, transmit and receive PSK31 and RTTY, apply potent filtering and hear "weak ones" others may miss.

- Use powerful DSP noise reduction and filtering technology, including Fast Fourier Transform.
- Enhance audio reception of SSB and CW signals to amazing levels of fidelity!
- Monitor SSB and CW signals in derived "stereo".
- Decode and display PSK31 or RTTY, on the LCD panel, no external PC required!
- Enhance your transmitted audio with 8 channels of mic equalization.
- Digitally record up to 102 seconds of audio in up to 8 channels.
- Receive SSTV 56.7 kHz (external PC and software needed for viewing).

**A "Must Have"
Station
Accessory!**



AOR MMT TDF-370 Multi-Media Terminal



Amazing Audio

With a new Fast Fourier Transform audio filter, the MMT applies DSP filtering and creates a more "natural" sound, pleasing to the listener. Line enhanced noise reduction uses new algorithms to dramatically reduce background noise. An auto-notch function can be used to reduce or eliminate annoying interference. You won't believe your ears!

"High Fidelity" SSB

This is not a conflict of terms! AOR's unique technology derives unbelievable audio from a 2.4 kHz source in simulated stereo, through the provided headphones. The results are amazing and have been compared to "FM quality" reception. You didn't know your radio could sound this good. Just about everyone who hears it says, "Wow!"

Better Transmitted Audio

Use the built-in microphone equalizer to enhance your transmitted audio. Contour a profile for your vocal characteristics or overcome some of the limitations that may exist in your microphone.

Improved CW Operation

Built-in 100, 200 and 300 Hz audio band pass filters. Center frequency is adjustable from 800 Hz with 450 Hz pitch. There is also a special noise reduction circuit just for CW operation.

"Stereo" CW Reception

The built-in band pass filter has independent outputs for the left and right channels, allowing independent bandwidth settings heard through the included stereo headphones.

Digital Modes without a PC

Receive and display PSK31 and RTTY (Baudot) modes without the need for a PC. AOR's MMT displays text on its easy-to-read LCD display. PSK31 formats include BPSK and QPSK. RTTY operations include 170, 425 and 850 Hz shifts.

PC Interface

The MMT has a rear panel DSUB9 connector and a serial cable is provided. You can set internal parameters of the MMT and operate PSK31 and RTTY using a simple terminal program. You can also transmit and receive SSTV (56.7 kHz) through your computer (optional software needed for SSTV).

Digital Voice Recorder (DVR)

Capture up to 102 seconds of audio, in as many as 8 memories, in the MMT's DVR. DPCM compression saves space and delivers good fidelity.

Power Miser

The AOR MMT operates with just 4 internal AA batteries or from a regulated external supply of 9 ~ 15 VDC.

Accessories Included

With the AOR MMT, you get: input cable, stereo connectors, 8-pin mic connectors, power cable, stereo earphones and serial cable for connection to a computer. *Note: Some soldering of wires and connectors may be required to adapt your transceiver's mic and mic input with the MMT. No alteration to your existing equipment is necessary.*

SPECIFICATIONS

Inputs	2: front panel selectable
Outputs	6: Phones, stereo headphone output (headphone included) Speaker: internal Speaker: external (requires external power source) Mic: ground-isolated microphone output PTT: output to transceiver COM: RS-232C RTTY, PSK31, 9600 bps SSTV 56.7 kHz
Power Requirements	4 AA batteries alkaline, Ni-Cd or Ni-MH or regulated external 9 ~ 15 VDC supply
Dimensions (HWD)	59 x 109 x 158 mm or 2.3 x 4.3 x 6.2 in (excludes projections)
Weight	(approx) 350 g or 12.3 oz (does not include batteries)
Filters	Voice: FFT, LMS, Hi-Fi, BP (selectable) CW: BP, LMS, Stereo (selectable) Data: (Baudot 170, 425, 850 Hz shift, 45, 50, 74 Baudot 5 character TX/RX); PSK31; BPSK, QPSK, Carrier 1000 Hz, AFC ± 50 Hz TX/RX MIC: Equalizer with 8 adjustable frequencies, ± 6 dB maximum
Voice Recorder	Up to 102 seconds DPCM compression, Up to 8 voice memory channels Records: 6.4 seconds of audio prior to recording switch activation.
Parameter Retention	Backed by EEPROM, no memory backup battery required.



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