

AEA's Amiga Video Terminal (AVT) Master SSTV and FAX System

Imagine sending and receiving high resolution color or black and white images and photos via radio transceiver OR telephone. And then imagine the ability to "erase" QRM and noise effects. With AEA's new AVT (Amiga Video Terminal) Master System, you get pixel perfect pictures. The AVT Master offers 55 SSTV (Slow-Scan TV) modes, many in up to 4,096 simultaneous colors with a resolution from 128 by 120 up to 640 by 400. Nine FAX modes in resolutions up to 1,024 pixels by 1,200 lines in 16 grey levels are also possible. The AVT offers every known SSTV commercial and experimental mode, as well as WEFAX, NEWSFAX and GEOS FAX (with optional board). This is a major breakthrough for SSTV and FAX enthusiasts!

Flexible Hardware. Five separate receiver inputs allow you to attach a two-meter, six-meter, HF and SWL rigs plus a tape recorder...all at the same time! Plus there's an RJ-11 telephone jack. Simply plug in your phone line to the interface unit and transmit a full-color image in about 12 seconds. Both positive and negative transmitter keying, as well as individual tape recorder and transmitter audio outputs provide the ultimate connection. You don't ever need to touch the box...all controls, including system audio output levels and input selection are accomplished on-screen using the Amiga mouse.

High Performance. The AVT is already in use every day, passing high quality images across the continental U.S. and from Florida to Hawaii. Images sent with the AVT may be damaged as much as 50 percent by QRM and QRN, and still be recovered by the system so that it's almost impossible to tell there was ever any interference. Built-in image processing and signal conditioning ensures the best picture quality, picture after picture.

Compatibility. You can receive ANY known SSTV or HF FAX signal...the AVT supports all modes, including the new European modes to the older color composites to black-and-white SSTV to 60/120/240 LPM FAX transmissions. Multiple aspect ratios provide the right picture when monitoring those unusual FAX stations, too. All

of these modes are available in full transceive. The images received by the system are compatible with every paint program, digitizer, frame grabber and scanner currently available for the Commodore Amiga, allowing unparalleled flexibility and artistic freedom.

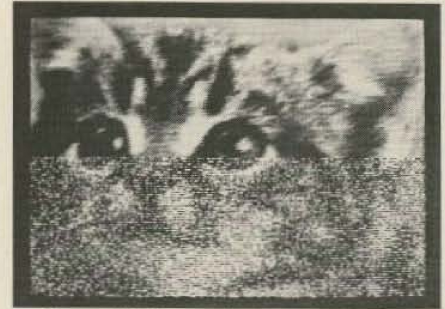
Revolutionary. The AVT also offers new SSTV formats that easily outperform ALL pre-existing modes...integral data recovery, narrow bandwidth, full color, multi-image (3-D) with LCD goggles-not provided, multiple resolution and synchronous transmission.



AVT image received.

Intuitive. Every command is presented in a logical, consistent series of menus and control panels. Sophisticated tools such as a detailed oscilloscope simulator aids tuning. The system even transmits an "Alignment Signal" to ensure a quick match in frequency between systems when operating SSB. When you have a question, a 140-page comprehensive manual will provide you with the answer. Should you need further assistance, AEA's staff of trained technical support personnel can be contacted at (206)775-7373.

Feature-Packed. Built-in capabilities include: Tuning oscilloscope. Mode-to-mode conversions. Interpolating zoom. Image inset. Brush "Clipart" (file artwork) cut and paste, including transparent background. Image tinting, brightness and contrast control. Thresholding. Black-and-white and color histograms. Text overlay using multiple fonts, boldface, italics and underlining in any combination or color. Automatic CW and synthesized speech ID after transmit. Extensive macro and script capability (with ARexx program). Custom color bar generation. Luma conversion and image averaging. Black-and-white and color negatives. Eight function



Transmitted image in process of being restored after heavy QRM.

damaged scan line "Repair Kit." Multiple mode full-frame intelligent image cleanup with sensitivity control. Owner defined FAX demodulation curves. Image rotation and flipping. Paint capability. Extensive ARexx language support. Real-time software filtering for scope and receive operations. Up to 16 high-resolution image memories at one time. Grab screens to transmit from any digitizer or operating program in real-time. Transmit and receive sequences of images using multiple memories. One button automatic reception of most SSTV modes. Automatic start and run at any time...catch those midnight FAXes without being there. Copy and exchange between image memories. On-screen DTMF pad. Image printing in both black-and-white and color on literally hundreds of different printers. You can even tell the system what to do remotely (with ARexx program), via packet and/or RTTY using standard TNC's such as AEA's high performance PK-232MBX multi-mode data controller.

Updates. Since the AVT is a software driven system, there aren't any costly ROM and hardware updates. Occasional updates will be provided on a disk. Simple, inexpensive and fast.

Inexpensive. The good news is that you can purchase the AVT and an Amiga computer system for less than a popular new SSTV system costs! If you already own the computer (minimum of one and one-half megabytes of memory recommended), the AVT suggested amateur net price through AEA's authorized dealers is only \$299.95. For further information, contact your local AEA dealer or AEA corporate headquarters at (206)775-7373, P.O. Box 2160, Lynnwood, WA 98036.