

Moseley DTV/DVQ/DVM Rate Change Instructions

Here are the instructions for changing the DTV settings:

Hyperterminal, TeraTermPro, or equivalent:

<<http://hp.vector.co.jp/authors/VA002416/teraterm.html>>
<<http://www.ayera.com/teraterm/>>

57600 bps, 8 bits, "None" parity, 1 Stop Bit, Flow Control: "Xon/Xoff "

Connect to the "Setup" port beneath the heatsink using a crossover (null-modem) cable. There are jumpers inside the unit behind the connector to use a straight cable if a crossover cable is not available.

HE will show you all the options <-----

SH ST will SHow the SStatus of the radio with way more information than you really want.

SH CO will SHow you the present COnfiguration <-----

SE TX AC turns on (ACTivates) the transmitter

SE TX DI turns off (DIsables) the transmitter

SE FR TX nnnnn.n sets the transmitter frequency in MHz

SE FR RX nnnnn.n sets the receiver frequency in MHz

DE CH SMP will delete the SMPTE channel

SE CH SMP will add the SMPTE channel at 19.392658Mb

DE CH ASI1 will delete the 1st ASI channel

SE CH ASI1 19.3 will set the 1st ASI channel to 19.3Mb*

DE CH ASI2 will delete the 1st ASI channel

SE CH ASI2 19.3 will set the 2nd ASI channel to 19.3Mb*

DE CH SYN will delete the SYNc channel

SE CH SYN 2.048 will set the SYNc channel to 2.048Mb

DE CH ASY will delete the ASYnc channel

SE CH ASY 0.0576 will set the ASYnc channel to 57.6 kb

DE CH DS3 will delete the DS3 channel

SE CH DS3 will add the DS3 channel at 44.736

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SE TR MDM [MST|SMP] 20 16QAM 3/4 sets the RF bandwidth & efficiency (Don't change this unless absolutely necessary and directed by a Moseley technician.)

SEt TRunk MoDeM

where MST (MaSTer) is used if SMPTE is not being used or
SMP (SMPte) is used if SMPTE is being used,
"20" or "25" is the RF bandwidth,
"16QAM" is the modulation, and
"3/4" is the Viterbi error correction

SA CO (n) (SAve COnfiguration n=1-2) You can save up to 2 configurations. <-----

LO CO (n) (LOad COnfiguration n=1-2) <-----

You will need to do this on both radios.

*ASI Rates should match feeding equipment rates exactly.