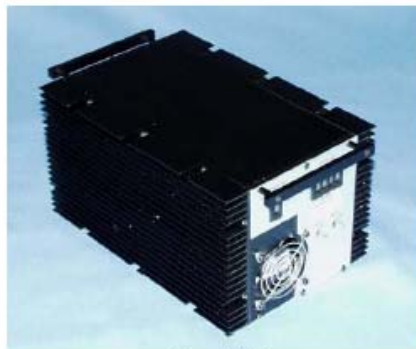




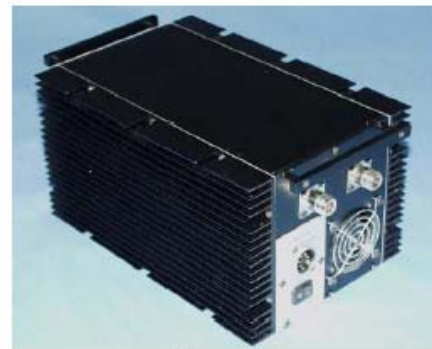
**TSE 6301
Video Repeater**

TSE 6301 VIDEO REPEATER OPERATING INSTRUCTIONS

The TSE 7-10 watt video audio repeater is designed to receive incoming video/audio signals between 1250 -1290MHz and repeat these signals between 7 – 10 watts on selected frequencies between 1500 – 1800MHz in 10 preset channels.



Front View



Rear View

WARNING

Never connect the power to the antenna **before the antennas** have been fitted, this will damage the repeater and is not covered under warranty.

Connection Instructions

1. Fit the short antenna cable (MR400) to the Receiver N Connector and the Receive Antenna (Antenna is marked RPT RX).
2. Fit the longer antenna cable (MR400) to the Transmitter N Connector and the Transmit Antenna (Antenna is marked RPT TX).
3. Connect the 24-volt power source to the rear connection socket. (Use the 220vac to 24vdc converter provided or separate 24vdc supply). Unit requires 2 amps.
4. Secure antennas in a suitable position to receive and transmit the signals.

Antenna Note.

Try to keep the antennas approximately 2 metres apart to reduce interference.



Operating Instructions

1. Select Receive Frequency between 1250 – 1290MHz using the one MHz step selector.
2. Select the Repeat Transmitter Frequency on the Channel Selector 0 – 9
Each channel is increased in 25MHz steps from 1525MHz in channel 1.

Channel One	1525 MHz	}	7 watt output power
Channel Two	1550 MHz		
Channel Three	1575 MHz		
Channel Four	1600 MHz		
Channel Five	1625 MHz		
Channel Six	1650 MHz		
Channel Seven	1675 MHz	}	10 watt output power
Channel Eight	1700 MHz		
Channel Nine	1725 MHz		
Channel Zero	1759 MHz		

3. Select Audio Channel A - 6.5MHz or B - 7.5 MHz on the Sound switch to correspond to the original transmitter audio sub carrier.
4. Select Pre-emphasis on the PRE F switch on/off. This is dependant on the original transmitter and should be matched. (Check manufacturers instructions).
5. Set the final receiver frequency to the Repeater Transmitter frequency (check list above).
6. Turn on the power supply.



SAFETY NOTE:
DO NOT KEEP CLOSE TO THE REPEATER FOR LONG PERIODS OF TIME



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