

To: ITS
Attn: Mr. Billy Chow
From: Annexe 10 (EME)
Date = Feb. 23, 99.

Model: WT2DC

Theory of Operation

Receiver:

The unit acts as receiver when the power is turned on. RF signal is received from the receiver antenna and the RF signal is detected and converted to digital signal by the Heterodyne Receiver (U1 of receiver part). After that, digital signal is inverted by the inverting amplifier which the inverting digital signal is connected to the decoder MCU U5. If the decoded data matched the data which is stored at the non-volatile memory, the control MCU U1 will make the decision according to data and will take a proper action to control the 1-13 stage Triac output.

R1/2

CONFORMITY ASSESSMENT DIVISION			
Incoming Date:		23/2/99	
		Action By	
		Billy	