

## Alignment Procedure DS-492 Wireless Receive Principle

POWER SUPPLY enters the main unit through CN1, give wireless receive via and supplying power partly, the wireless module will receive the signal from transmitter through ANT CF1, will send the signal into IC3 through (R18 C1 On the module), to separate the audio frequency signal attached to RF signal through IC3, and enter IC1 through T3 T5 T4 T6, Composed of T7 T9 and T8 T10 enlarging the circuit to export(REC-915),.

The demodulation signal of the audio frequency into work to put some of through C15 C16, the signal s into the volume control U7 through C28 R60 and C20 R49 th into the U3 amplifies the signal to export (Speaked). Another No. provides 3.6V working power for U2 T7136 , give power U5 and U6 .U6 control the volume U7 and power KEY. U4 T4701 controls the charging of the battery, discharge and protect. Voltage-division Resistance of R26 R27 provides the value of reference voltage for U4 6PIN, when value of this voltage is lower than the reference value, U4 turns on Q11 COMS and in charge of providing the voltage of charging for battery through the switch circuit that R25 Q9 Q10 Q8 R31 R32 Q11 R26 forms, LED is red and green at this moment, when equal to the reference value in voltage of U4 2PIN R13 Q3 Q7, closes through the switch circuit that forms, the battery is charged and finished at this moment, LED turns into green. protects and controls IC for the battery. It is U4 that quits working to protect the battery effectively when the out-put electric current oversized or short-circuits to the place