

Carrier wave oscillation
Frequency:49.85MHz
Transistor L.C oscillate
Transistor Base FM modulation circuit
Q1(2SC9018H)

R.C Equalizer

Audio input jack

ON/OFF direction

D1(RED LED)

Power supply
DC jack
DC Regulator
U1(MC7809)
6F22 9V Battery
or 12V DC Adaptor

49.85MHz FM
Primary B.P.F amplifier
Q2(2SC9018H)

49.85MHz FM
Second B.P.F amplifier
Q3(2SC9018H)

49.85MHz B.P.F
F1(HDF49A)

Impedance 50 Ω
Soft wire Emanant Antenna

Title			
WH2970 TRANSMITTER BLOCK PLAN			
Size	Number	Revision	
A4		1.0	
Date:	28-Jun-2005	Sheet of	1 OF 1
File:	E:\protel files\hp2970.ddb	Drawn By:	JOHN