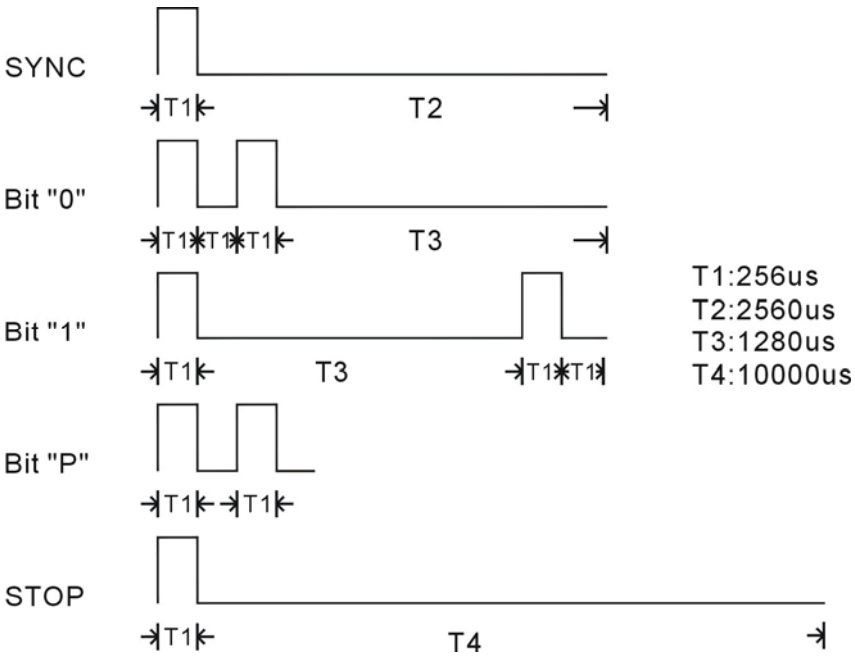
LEARNING SYSTEM CODE DESCRIPTION :

- RECEIVER ACCEPT “ON” CODE TO STORE THE ADDRESS AND UNIT CODE INTO MEMORY DURING LEARNING MODE.
- RECEIVER ACCEPT “OFF” CODE TO DELETE THE ADDRESS AND UNIT CODE OUT OF MEMORY DURING LEARNING MODE
- A COMPLETE CODE FRAME CONSISTS OF 1 DATA OF CODE WORDS. WHEN KEY IS SET, TX. WILL TRANSMIT SERIAL OF DATA OUTPUT MINIMUM 7 CODE FRAME. MOST IMPORTANTLY, THE TX. WILL BE STOPPED TRANSMITTING WHEN THE LENGTH OF MORE THAN 4 SECONDS.

BIT TIMING:



- D1……D26: 26 bits address code
- M1,M2 : action mode

M1	M2	Action
0	0	**OFF**
0	1	**ON**
1	0	**Group-ON**
1	1	**Group-OFF**
P	0	Reserve
P	1	Reserve
0	P	**PRESET**
1	P	**PRESET-Group**
P	P	Reserve

- **NORMEL MODE**(34 BITS) CODE FRAME CONSISTS OF AS BELOW:

MSB LSB

SYNC	D1	D2	------	D25	D26	M1	M2	U1	U2	U3	U4	STOP

- **PRESET MODE**(38 BITS) CODE FRAME CONSISTS OF AS BELOW:

MSB LSB

SYNC	D1	D2	-----	D25	D26	M1 (P)	M2 (P)	U1	U2	U3	U4	P1	P2	P3	P4	STOP

- UNIT & PRESET CODE DEFINE AS BELOW

M1	M2	U1	U2	U3	U4	P1	P2	P3	P4	ACTION
0	1	0	0	0	0	NA	NA	NA	NA	**UNIT 1 ON**
0	0	0	0	0	0	NA	NA	NA	NA	**UNIT 1 OFF**
0	1	1	0	0	0	NA	NA	NA	NA	**UNIT 2 ON**
0	0	1	0	0	0	NA	NA	NA	NA	**UNIT 2 OFF**
0	1	0	1	0	0	NA	NA	NA	NA	**UNIT 3 ON**
0	0	0	1	0	0	NA	NA	NA	NA	**UNIT 3 OFF**
0	1	1	1	0	0	NA	NA	NA	NA	**UNIT 4 ON**
0	0	1	1	0	0	NA	NA	NA	NA	**UNIT 4 OFF**
0	1	0	0	1	0	NA	NA	NA	NA	**UNIT 5 ON**
0	0	0	0	1	0	NA	NA	NA	NA	**UNIT 5 OFF**
0	1	1	0	1	0	NA	NA	NA	NA	**UNIT 6 ON**
0	0	1	0	1	0	NA	NA	NA	NA	**UNIT 6 OFF**
0	1	0	1	1	0	NA	NA	NA	NA	**UNIT 7 ON**
0	0	0	1	1	0	NA	NA	NA	NA	**UNIT 7 OFF**
0	1	1	1	1	0	NA	NA	NA	NA	**UNIT 8 ON**
0	0	1	1	1	0	NA	NA	NA	NA	**UNIT 8 OFF**
0	1	0	0	0	1	NA	NA	NA	NA	**UNIT 9 ON**
0	0	0	0	0	1	NA	NA	NA	NA	**UNIT 9 OFF**
0	1	1	0	0	1	NA	NA	NA	NA	**UNIT 10 ON**
0	0	1	0	0	1	NA	NA	NA	NA	**UNIT 10 OFF**
0	1	0	1	0	1	NA	NA	NA	NA	**UNIT 11 ON**
0	0	0	1	0	1	NA	NA	NA	NA	**UNIT 11 OFF**
0	1	1	1	0	1	NA	NA	NA	NA	**UNIT 12 ON**
0	0	1	1	0	1	NA	NA	NA	NA	**UNIT 12 OFF**
0	1	0	0	1	1	NA	NA	NA	NA	**UNIT 13 ON**
0	0	0	0	1	1	NA	NA	NA	NA	**UNIT 13 OFF**
0	1	1	0	1	1	NA	NA	NA	NA	**UNIT 14 ON**
0	0	1	0	1	1	NA	NA	NA	NA	**UNIT 14 OFF**
0	1	0	1	1	1	NA	NA	NA	NA	**UNIT 15 ON**

0	0	0	1	1	1	NA	NA	NA	NA	**UNIT 15 OFF**
0	1	1	1	1	1	NA	NA	NA	NA	**UNIT 16 ON**
0	0	1	1	1	1	NA	NA	NA	NA	**UNIT 16 OFF**
1	0	0	0	0	0	NA	NA	NA	NA	**Group ON**
1	1	0	0	0	0	NA	NA	NA	NA	**Group OFF**
0	P	U1	U2	U3	U4	0	0	0	0	**1/16 Of Brightness**
0	P	U1	U2	U3	U4	1	0	0	0	**2/16 Of Brightness**
0	P	U1	U2	U3	U4	0	1	0	0	**3/16 Of Brightness**
0	P	U1	U2	U3	U4	1	1	0	0	**4/16 Of Brightness**
0	P	U1	U2	U3	U4	0	0	1	0	**5/16 Of Brightness**
0	P	U1	U2	U3	U4	1	0	1	0	**6/16 Of Brightness**
0	P	U1	U2	U3	U4	0	1	1	0	**7/16 Of Brightness**
0	P	U1	U2	U3	U4	1	1	1	0	**8/16 Of Brightness**
0	P	U1	U2	U3	U4	0	0	0	1	**9/16 Of Brightness**
0	P	U1	U2	U3	U4	1	0	0	1	**10/16 Of Brightness**
0	P	U1	U2	U3	U4	0	1	0	1	**11/16 Of Brightness**
0	P	U1	U2	U3	U4	1	1	0	1	**12/16 Of Brightness**
0	P	U1	U2	U3	U4	0	0	1	1	**13/16 Of Brightness**
0	P	U1	U2	U3	U4	1	0	1	1	**14/16 Of Brightness**
0	P	U1	U2	U3	U4	0	1	1	1	**15/16 Of Brightness**
0	P	U1	U2	U3	U4	1	1	1	1	**ON-Full Brightness**
1	P	G	G	G	G	0	0	0	0	**1/16 Of Brightness**
1	P	G	G	G	G	1	0	0	0	**2/16 Of Brightness**
1	P	G	G	G	G	0	1	0	0	**3/16 Of Brightness**
1	P	G	G	G	G	1	1	0	0	**4/16 Of Brightness**
1	P	G	G	G	G	0	0	1	0	**5/16 Of Brightness**
1	P	G	G	G	G	1	0	1	0	**6/16 Of Brightness**
1	P	G	G	G	G	0	1	1	0	**7/16 Of Brightness**
1	P	G	G	G	G	1	1	1	0	**8/16 Of Brightness**
1	P	G	G	G	G	0	0	0	1	**9/16 Of Brightness**
1	P	G	G	G	G	1	0	0	1	**10/16 Of Brightness**
1	P	G	G	G	G	0	1	0	1	**11/16 Of Brightness**
1	P	G	G	G	G	1	1	0	1	**12/16 Of Brightness**
1	P	G	G	G	G	0	0	1	1	**13/16 Of Brightness**
1	P	G	G	G	G	1	0	1	1	**14/16 Of Brightness**
1	P	G	G	G	G	0	1	1	1	**15/16 Of Brightness**
1	P	G	G	G	G	1	1	1	1	**ON-Full Brightness**

- U1,U2,U3,U4=To be suitable for use.
- G=Group function.