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HOW TO CODE THE TRANSMITTER
FOR SK-919TD1S-U, SK-919TT1S-BU and SK-919TD2A-U

FOR SK-919TD1S-U and SK-919TD2A-U (Tracer cutting method)

1. Remove the small screw from the back of the case. Open the case and remove the PCB (printed circuit board). Turn the PCB over, and locate the set of traces on the PCB just above the battery as shown on Fig. 1

2. Select a code. Each transmitter code consists of five digits (from 1~9, except 0). For example, 25679.

3. Of the 5-digit code, starting from right to left, the first digit represents "I", 2nd digit represents "II", 3rd digit represents "III", 4th digit represents "IV", and the 5th digit represents "V" on the PCB (see Fig.1).

4. Each digit has two bits (Bit 'A" and Bit "B"). Since there are 5 digits, there are a total of 10 bits (see Fig.1), each of which has two traces. Some of these traces must be cut during the coding process.

5. To change the transmitter code, cut the traces according to Table 1.

   Note: H: means retain the "Hi" portion of the tracer, so cut the "Lo" portion of the tracer.
   L: means retain the "Lo" portion of the tracer, so cut the "Hi" portion of the tracer.
   F: means cut both "Hi" and "Lo" tracer.

FOR EXAMPLE
Take the code 25679, which means "I" = 2, "II" = 5, "III" = 6, "IV" = 7, "V" = 9.
Therefore, the cuts on the PCB should be like those shown in Fig. 2.

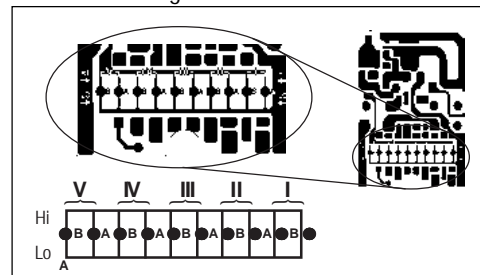Fig. 1: SK-919TD1S-U / SK-919TD2A-U Series PCB Diagram.
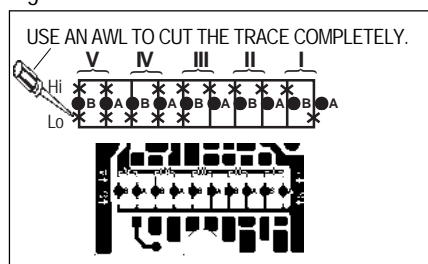

Fig. 2

TABLE 1: Coding Guide Chart ("X" means tracer must be cut)

Digit	1	2	3	4	5	6	7	8	9
Bit "A"	H	H	H	L	L	L	F	F	F
Bit "B"	H	L	F	H	L	F	H	L	F
Trace Cuts									
Dip Switch Position									

FOR SK-919TT1S-BU (DIP switch programming method)

1. Unlike the SK-919TD2A-U & SK-919TD1S-U PCBs, the SK-919TT1S-BU PCB has a series of DIP switches instead of traces. See Fig.3.

2. To program the transmitter code, the procedure is the same as above, but instead of cutting the traces, adjust the position of the DIP switches using Table 1 as guide. Please note that the sequence of bit no. 1 to 10 is from left to right as indicated on the numbers on the top of the DIP switch.
   NOTE: "+" means the Hi tracer (same as "H" above).
   "-" means the Lo tracer (same as "L" above).
   "o" same as "F" above.
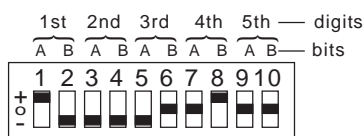
3. For example, to program the code 25679, the DIP switches should be adjusted as shown.

Fig.3 : SK-919TT1S-BU PCB Diagram.

Factory preset code

SK-919TDTT_coding_064.pmd