DUPLICATOR RMC-888
User's Guide

Model: RMC-888

1. PART NAME AND FUNCTIONS

Power Jack AC/DC 8-12V

REMOCON

LED DISPLAY

PROGRAMMING CONNECTOR

READING AREA

1	SETTING	23	DUAL FREQ.	4	POWER
12	RESTART	3	CHECK		
2	DUP	13	REDUP		

1   2   3   4
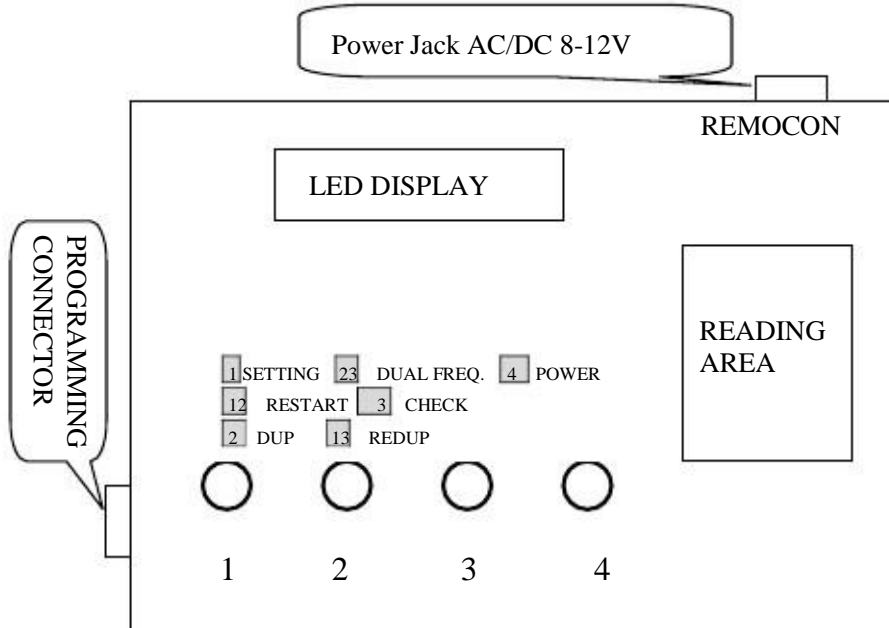
2. DUPLICATING

Procedure	Status Display	Features
1. Plug the adapter into an AC outlet.	0.0	Frequency display
2. Press the 1 (SETTING) button	r – – 1	Ready for reading—Waiting for copy 1st code.
3. Place the original transmitter on top of READING AREA then press its first button.	– – – –	Code reading, press and hold the transmitter button until The Display shows done.
	done	Code reading completed
5 possible statuses after code reading	A – 10	To use REMOCON type A remote.
	b – 10	To use REMOCON type B remote.
	b – 04	To use REMOCON type B remote.
	rety	Press the 1 (setting) button to retry code reading
	E – 10	Code has not successful duplicated. Repeat procedure 2. or press 12 (RESTART)
4.	r – – 2	Waiting for the 2nd code from the transmitter
5. Press the 2nd button of the transmitter	– – – –	Repeat above step 3.
6. Following step 3, choosing either REMOCON type A or type B remote. Connecting the remote (REMOCON) to duplicator via cable connector, press 2 (DUP.) button.	P – – –	Code is programmed into REMOCON transmitter
If above steps appeared	E – 20	Switching over type A remote to type B remote.

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7. For frequency display, press 1 (SETTING), tune remote (REMOCON) frequency to match original transmitter.	0.0	For example 418.2 done

Remark:

- REMOCON type A remote：Old version remote, including RMC-519.
- REMOCON type B remote：New version remote transmitter, including RMC-550, RMC-551, RMC-555, RMC-556, RMC-535….etc.
- Status A-10 indicates both REMOCON type A and type B remotes are compatible.
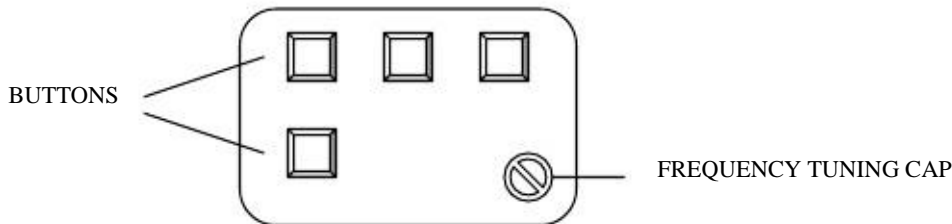- Satus b-10 or b-04 indicates only REMOCON type B remotes are compatible

BUTTONS

FREQUENCY TUNING CAP

Fig. 1(RMC-555)

3. CODE CHECKING

Procedure	Status Display	Features
1. Press 3 (CHECK) button	Chec	Start CHECK function
2. Press 1st button on the remote (REMOCON)	– – – –	Code reading (press and hold the button until the Display shows done)
	done	Code reading completed
	L – – 1	Code matched the 1st button of the original transmitter
3. Press 2nd button on the transmitter	– – – –	Code reading (press and hold the button until the Display shows done)
	done	Code reading completed
	L – – 2	Code matched the 2nd button of the original transmitter
4. Repeat step above if required	no – –	Code matching unable to confirm. But it doesn't mean It's a duplicating failure, especially for b-04 .
		Repeat step 2. And 3.

4. REDUPLICATING(Duplicating from REMOCON remotes)

Provide mass production capability

Setting Procedure	Status Display	Features
1. Connecting the original remote to RMC888 via cable connector, press 3 (REDUP.)	r – – –	Code reading
	rA10	Code reading completed, REMOCON type A remote
	Pb04 or Pb10	Code reading completed, REMOCON type A remote
If above step appears	E – – 05	Code reading failed. Please check cable connection or the transmitter.

2. Connecting a new REMOCON remote to Duplicator via cable connector, and press 2 (DUP.)	p - - -	Programming the new REMOCON remote
	PA10	Programming completed for REMOCON type A
	Pb04, Pb10	Programming completed for REMOCON type B

5. DUAL FREQUENCY DUPLICATING(For Dual Frequency Remote only)

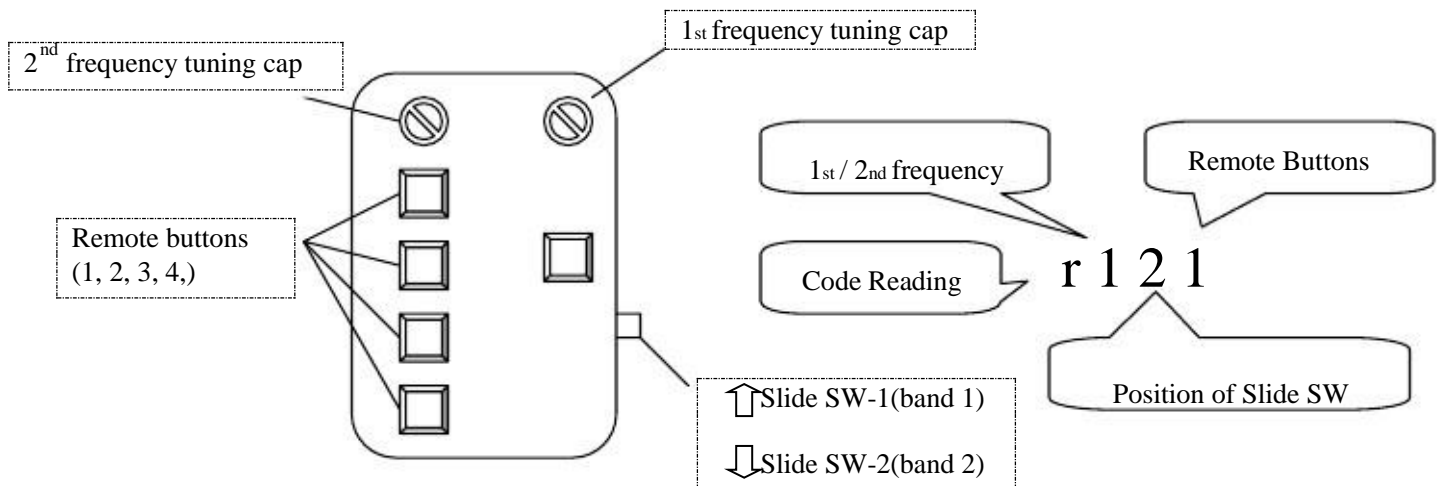| Setting Procedure	Status Display	Features
1. Press 23 (DUAL FREQ.) button	r1 1 1	Enter dual frequency duplicating mode r11X(see below)
2. Press 23 (DUAL FREQ.) button	r1 2 1	Enter dual frequency duplicating mode r12X(see below)
3. Press 23 (DUAL FREQ.) button	r - - 1	Enter single frequency duplicating mode
4. Following the above duplicating procedures.		Please refer above methods.

Fig. 2(RMC-552)

6. ADVANCE DUPLICATE FUNCTION FOR DUAL FREQUENCY

Provide only dual frequency remotes(REMOCON)

Transmitter(REMOCON) Dual frequency	Status Display		Transmitter(REMOCON) Remote Button
	1st frequency	2nd frequency	
Dual frequency A	r 1 1 1	r 2 2 1	1
	r 1 1 2	r 2 2 2	2
	r 1 1 3	r 2 2 3	3
	r 1 1 4	r 2 2 4	4
Dual frequency B	r 1 2 1	r 2 1 1	1
	r 1 2 2	r 2 1 2	2
	r 1 2 3	r 2 1 3	3
	r 1 2 4	r 2 1 4	4

CHART 1

While REMOCON remote setting on SW-1, it can transmit either 1st or 2nd frequency. Likewise, while setting on SW-2, it also can transmit either 2nd or 1st frequency.

Example 1.: Duplicate two original transmitters X(1st frequency) and Y(2nd frequency) into one dual frequency remote(REMOCON). **When the switch of REMOCON transmitter is set on SW-1, we would like to copy transmitter X to button 1, 2(band 1) of REMOCON remote; when the switch is set on SW-2, we would like to copy transmitter Y to button 1, 2(band 2) of REMOCON transmitter.**

Please follow following duplicate procedures(Please refer to **fig. 3**):

1. Connecting the remote (REMOCON) to RMC-888 via the cable connector. Press 23 (DUAL FREQ.) until LED display shows…г 1 1 1.

2. Press the first button of the first original transmitter, X, until LED display shows…г 1 1 2.

3. Press the second buttonof the first original transmitter, X, until LED display shows…г 1 1 3.

4. Press 1 (SETTING) button until LED display shows…г 2 2 1.

5. Press the first button of the 2nd original transmitter, Y, until LED display shows…г 2 2 2.

6. Press the second button of the 2nd original transmitter, Y, until LED display shows…г 2 2 3.

7. Press 2 (DUP.), until LED display shows…P X X X, which means code duplicate completed.

X1→ r111
X2→ r112
X3→ r113
X4→ r114

Y1→ r221
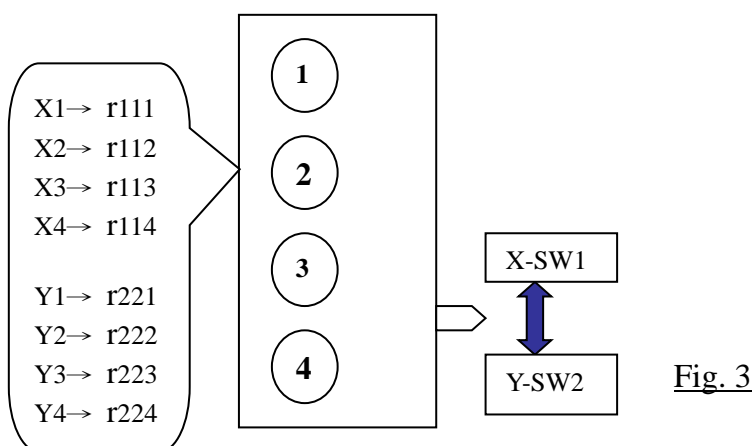Y2→ r222
Y3→ r223
Y4→ r224

X-SW1
Y-SW2

Fig. 3

Example 2.: Duplicate two original transmitters X(1st frequency) and Y(2nd frequency) into one dual frequency transmitter(REMOCON). **When the switch of REMOCON remote is set on SW-1, we would like to copy transmitter X to buttons 1st, 2nd of REMOCON remote and copy transmitter Y to buttons 3rd, 4th of REMOCON remote.**

Please follow following duplicate procedures:

1. Connecting the remote (REMOCON) to RMC-888 via the cable connector. Press 23 (DUAL FREQ.) until LED display shows…г 1 1 1.

2. Press the first button of the first original transmitter, X, until LED display shows…г 1 1 2.

3. Press the second button of the first original transmitter, X, until LED display shows…г 1 1 3.

4. Press 23 (DUAL FREQ.) button until LED display shows…г 1 2 1.

5. Press 1 (SETTING) button until LED display shows…г 2 1 3.

6. Press the first button from the 2nd original transmitter, Y, until LED display shows…г 2 1 4.

7. Press the second button of the 2nd original transmitter, Y, until LED display shows…г 2 1 5.

8. Press 2 (DUP.), LED display shows…P X X X, which means code duplicate completed.

X1 – r111
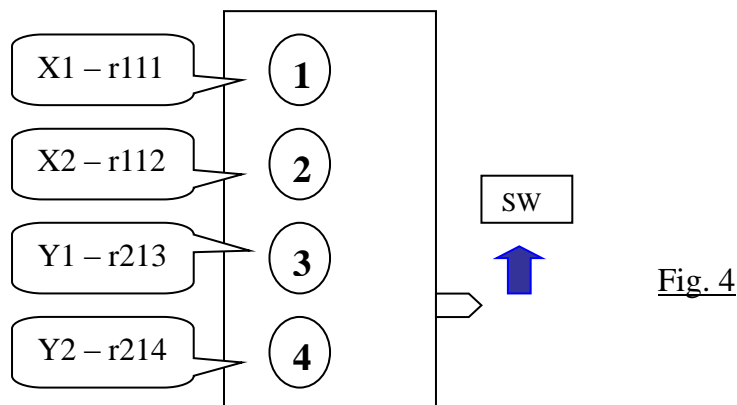X2 – r112
Y1 – r213
Y2 – r214

SW

Fig. 4

ERROR READING

Status Display	Trouble shooting
E - 02	Duplicating failure, please check the cable connection.
E - 03	Duplicating failure, please check the cable connection.
E - 05	Duplicating failure, please check the cable connection.
E - 10	Reading failure, please re-operate.
E - 12	"Long code" received from original transmitter, unable to duplicate to 5th and 10th buttons.
E - 20	Wrong remote type, please use REMOCON type B remote.

*Above messages will be indicated as flash sequentially. Press 1 (SETTING) to keep operating.

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