

## Operational Description of the equipment

This is a car-used transmitter which transmits audio signals to a radio receiver. If the product switches to channel 1 or 2, the radio receiver can receive the audio signals when it turn to the same frequency as the transmitter. The detailed circuit functions are described as below:

<b>PRODUCT</b>	FM MODULATOR
<b>MODEL NO.</b>	MRU201
<b>POWER SUPPLY</b>	DC 12V from Vehicle Battery
<b>CABLE</b>	Power port x 1
<b>I/O PORT</b>	Audio cable x 1
<b>FREQUENCY BAND</b>	88 ~ 108 MHz
<b>CARRIER FREQUENCY</b>	88.7 MHz,89.1MHz
<b>NUMBER OF CHANNEL</b>	2
<b>CHANNEL SPACING</b>	400 kHz
<b>RF OUTPUT POWER</b>	-40 dBm
<b>I.F. &amp; L.O.</b>	I.F. 0MHz, L.O. 88.7 MHz,89.1MHz
<b>MODULATION TYPE</b>	FM
<b>ANTENNA TYPE</b>	Printed loop antenna