PRODUCT SPECIFICATION

MODEL: FX799T FXT 5.8GHz 25mw 40 Channel AV Transmitter					
	Modulate	**Wideband FM Modulate**			
	Video Format	**NTSC/PAL**			
	Characteristics	**Value**			**Units**
		Min.	**Typ.**	**Max.**	
1	**Output Impedance**	---	50	---	Ohm
2	**Output Power**	---	13	---	dBm
3	**Frequency Range**	5645-5945			MHz
4	**Operating Voltage**	7.0	12	20	V
5	**Supply current**	---	60	---	mA
6	**Output Voltage(VOUT)**	VOUT = 5V			V
7	**Operating Temperature**	-10	---	+85	℃
8	**Video Band Width**	---	6.0	---	MHz
9	**Audio Carrier Frequency**	---	6.5	---	MHz
10	**Video Input Level**	0.8	1.0	1.2	Vp-p
11	**Video Input Impedance**	---	75	---	Ohm
12	**Audio Input Level**	0.5	---	2.0	Vp-p
13	**Audio Input Impedance**	---	10K	---	Ohm
14	**Weight**	----	7.5	---	Gram(s)
15	**Antenna Connector**	SMA Connector			
16	**Dimensions (L x W x H)**	31x22x10 mm			

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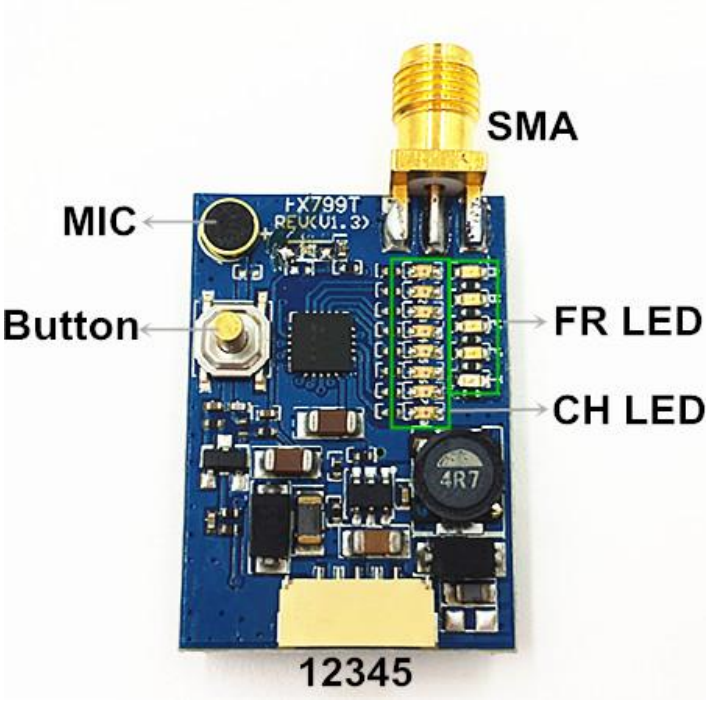
Change frequency band & channel

Single push to change CH, push and hold for 2 seconds to change FR

Below is TX channel table for your reference:

CH / FR		CH							
		CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
FR	FR1(F)	5740	5760	5780	5800	5820	5840	5860	5880
	FR2(E)	5705	5685	5665	5645	5885	5905	5925	5945
	FR3(A)	5865	5845	5825	5805	5785	5765	5745	5725
	FR4(R)	5658	5695	5732	5769	5806	5843	5880	5917
	FR5(B)	5733	5752	5771	5790	5809	5828	5847	5866

Pin description



5PIN connector

1. **DC IN (7-20V)**
2. **GND**
3. **VIDEO IN**
4. **GND**
5. **5V/VCC OUT**

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The output power of this device is less than 20mW.The SAR test is not required.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.
A certified modular has the option to use a permanently affixed label, or an electronic label. For a permanently affixed label, the module must be labelled with an FCC ID: 2AGB8-002. The OEM manual must provide clear instructions explaining to the OEM the labelling requirements, options and OEM user manual instructions that are required
For a host using a this FCC certified modular with a standard fixed label, if (1) the module's FCC ID is notvisible when installed in the host, or (2) if the host is marketed so that end users do not have straightforward commonly used methods for access to remove the module so that the FCC ID of the module is visible; then an additional permanent label referring to the enclosed module:
"Contains Transmitter Module FCC ID: 2AGB8-002 or "Contains FCC ID: 2AGB8-002 " must be used. The host OEM user manual must also contain clear instructions on how end users can find and/or access the module and the FCC ID.
Host product is required to comply with all applicable FCC equipment authorizations regulations, requirements and equipment functions not associated with the transmitter module portion. compliance must be demonstrated to regulations for other transmitter components within the host product; to requirements for unintentional radiators (Part 15B). To ensure compliance with all non-transmitter functions the host manufacturer is responsible for ensuring compliance with the module(s) installed and fully operational. If a host was previously authorized as an unintentional radiator under the Declaration of Conformity procedure without a transmitter certified module and a module is added, the host manufacturer is responsible for ensuring that the after the module is installed and operational the host continues to be compliant with the Part 15B unintentional radiator requirements. Since this may depend on the details of how the module is integrated with

the host, we suggest the host device to recertify part 15B to ensure complete compliance with FCC requirement: Part 2 Subpart J Equipment Authorization Procedures , KDB784748 D01 v07, and KDB 997198 about importation of radio frequency devices into the United States.