

概况:

Radiomaster 4IN1高频头模块将CC2500, NRF24L01, A7105, CYRF6936四款射频芯片集成于一块电路板上。此模块本身是OpenTX/EdgeTX原生配件, 可以和OpenTX/EdgeTX系列遥控器进行串口数字信号通信, 实现对许多流行接收机进行控制, 也包括许多流行的直升机、固定翼、多轴、穿越机等接收机或飞机的控制。(注意: 考虑到协议本身版权, 本4IN1模块只是提供硬件电路和基础固件, 固件如需要更新需要用户自行下载。

相关信息参见: <https://github.com/pascallanger/DIY-Multiprotocol-TX-Module>) .

此高频头是为Radiomaster TX16S, TX16SMkII, TX12, TX12MKII, ZORRO, BOXER等遥控器定制开发, 安装好即可使用。

Overview:

The RadioMaster 4 in 1 external module is a multi-protocol module that integrates CC2500, NRF24L01, A7105 and CYRF6936 RF chips. Designed for OpenTX and EdgeTX systems, the 4 in 1 module allows the radio to connect with most mainstream protocols on the market.

(Note: The 4in1 module is shipped with base firmware from the factory. Update the unit to explore its full potential.

For more information, please visit: <https://github.com/pascallanger/DIY-Multiprotocol-TX-Module>).

This module enjoys plug and play compatibility with the TX16S, TX16SMkII, TX12, TX12MKII, ZORRO and BOXER family radios.

工作参数:

工作电压: 4.5-8.4V

工作频率: 2.4G ISM band (2400mHz - 2483mHz)

射频芯片: CC2500, NRF24L01, A7105, CYRF6936

工作电流: $\approx 100\text{mA}$

射频功率: +20dBm

Specifications:

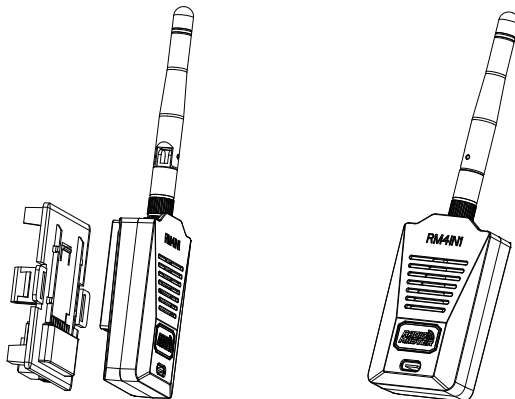
Operational voltage: 4.5-8.4V

Operational frequency: 2.4G ISM band (2400mHz - 2483mHz)

RF Chipsets: CC2500, NRF24L01, A7105 and CYRF6936

Operational current: $\approx 100\text{mA}$

RF Gain: +20dBm



RM 4in1采用nano接口, 并提供RJ接口适配器

The RadioMaster 4 in 1 module is a nano module by default. A RJ adapter is included as standard.

***Note:** Compatible protocols are subject to change, depending on Multi Module project development and local regulations.

NRF24L01支持的协议列表
NRF24L01 supported protocols

A7105支持的协议列表
A7105 supported protocols

主协议 Main protocol	子协议 Sub protocol
Bayang	Bayang H853D X16_AH IRDRONE DHD_D4 QX100
BugsMini	BUGSMINI BUGS3H
Cabell	Cabell_V3
CFLie	
CG023	CG023 YD829
CX10	GREEN BLUE DM007J3015_1 J3015_2 MK33041
DM002	
E016H	
ESky	ESky ET4
ESky150	
FQ777	
FX	816 620
FY326	FY326 FY319
GD00X	GD_V1 GD_V2
GW008	
H8_3D	H8_3D H20H H20Mini H30Mini
Hisky	Hisky HK310
Hontai	HONTAI JJRCX1 X5C1 FQ777_951
JJRC345	JJRC345 SkyTmblr
JOYSWAY	
KF606	KF606 MIG320
KN	WLTOYS FEILUN
Kyosho2	KT-17
LOLI	
MJXq	WLH08 X600 X800 H26D E010* H26WH PHOENIX*
MouldKg	Analog Digit
MT99xx	MT H7 YZ LS FY805 A180 DRAGON F949G
MT99xx2	PA18
NCC1701	
Potensic	A20
PROPEL	74-Z
Q2X2	Q222 Q242 Q282
Q303	Q303 CX35 CX10D CX10WD
Q90C	Q90C
Realacc	R11
Redpine	
Shenqi	
SLT	SLT_V1 SLT_V2 Q100 Q200 MR100
SymaX	SYMAX SYMAX5C
Tiger	
V2x2	V2x2 JXD506 MR101
V761	
V911S	V911S E119
XERALL	Tank
XK	X450 X420
YD717	YD717 SKYWLR SYMAX4 XINXUN NIHUI
ZSX	280

主协议 Main protocol	子协议 Sub protocol
Bugs	
Flysky	Flysky V9x9 V6x6 V912 CX20
Flysky2A	Flysky2A
Height	
Hubsan	H107 H301 H501
Kyosho	FHSS Hype
Pelikan	Pro Lite SCX24
WFLY2	RF20x

CC2500支持的协议列表
CC2500 supported protocols

主协议 Main protocol	子协议 Sub protocol
Corona	COR_V1 COR_V2 FD_V3
ESky150V2	
FrskyD	D8
FrskyL	LR12
FrskyV	
FrskyX	
FrskyX2	
Futaba	SFHSS
Hitec	OPT_FW OPT_HUB MINIMA
HoTT	
RadioLink	Surface Air DumboRC
Skyartec	
OMP	
E016HV2	

CYRF6936支持的协议列表
CYRF6936 supported protocols

主协议 Main protocol	子协议 Sub protocol
Devo	
DSM	DSM2 DSMX
E010R5	
E01X	E012 E015
E129	E129 C186
J6Pro	
Losi	
MLINK	
Traxxas	
WFLY	
WK2x01	WK2801 WK2401 W6_5_1 W6_6_1 W6_HEL W6_HEL_I