X6100 与 wfview 软件连接教程

本教程的目的是指导用户使用 X6100 电台与 wfview 软件连接。

一、准备工作:

- 1、安装好 wfview 软件。
- 2、电台连接 WiFi(无线)或 使用网卡直接连到电台 HOST 口(有线)。

◆ 有线连接说明: 目的是为了解决 WIFI 信号差, 丢包的问题。



- 二、设置步骤:
- 1、运行电台 WFSERVER 功能:
 - ① 电台主界面中按 SYSTEM SETTING



② 进入系统设置后,打开 WFSERVER 设置界面(使用 MFK 旋钮选中 WFSERVER 后, 短按确认)。



③ 运行 WFSERVER 功能: 短按 START 键运行(成功运行后,主界面会出现蓝色的 WF

的标志)。

RIG NAME X6100 USER NAME User PASSMORD 123 CTRL PORT 50001 CIV PORT 50002 AUDID PORT 50003 With wfview server from the wfview team: Elliott (W5EL), Phil (M0VSE), Roeland (PA3MET) and Jin (PABE). OFFICE OFFICE Source code available at wfview.org SAVE EXIT	WFSERVER SETT	ING (server sto	pped)			-	SPE ATL USOL IN			
Elliott (M6EL), Phil (M0VSE), Roeland (PA3MET) and Jim (PA8E). Source code available at wfview.org START DEFAULT CLEAR SAVE EXIT	RIG NAME USER NAJ PASSWORD CTRL POI CIV PORT AUDIO PO	E NE NT NRT View server f	x6100 user 123 50001 50002 50003 rom the wfview	w team:		VOLUME 50 TX POWER 5.0 W	14.27 0 PRE ATT USI 3 5 7 9 120 14	NR DNP 0 0 0 0 0 FIL1 AGC-P 0 12 3	7.050.0 7.050.0 Fil1 -122dBm	100 08:24:18 UTC 00:24 RIT +0 Hz
START DEFAULT CLEAR SAVE EXIT	Elliott Jim (PA Source o	(W6EL), Phil BE). code availabl	(M0VSE), Roe	land (PA3MET) rg	and	-40 -30	0 -20 -10 0	+10 +20 +	30 +40	1000 2000 3000
RADIO DISPLAY	START	DEFAULT	CLEAR	SAVE	BUT	RADIO	RADIO	DISPLAY	SYSTEM	MEMORY

2、使用 WiFi 无线连接,还需要进入电台 WLAN 设置功能,配置好电台 IP 服务器地址:

			-	X6100
- 4	WLAN SETTING: MAC 84:60:02:5	WIFI Switch Auto Connect		
O	Se XG-OFFICE-AP01	DHCP Password	0	
GEN APP	Robile WiFi	IP Address Gate Way	192.168.3.21 192.168.3.1	
KEY MSG		DNS Server1 DNS Server2	192.168.3.1 8.2.2.2	8
OFN OFL MFK	SCAN DISCONNECT	EDIT N	× 24 EXT EXIT 服	器地址
		-		

3、打开安装好的 wfview 软件,进行如下设置:

打开 wfview 软件后,点击左上角 "Settings" 进入设置界面,再选择 "Radio Access",进行如下设置:

Hostname(重点)	Control Port	Username	Password	
电台分配的 IP 地址	根据电台中 WFSERVER 功能设置进行填写			

② 设置音频(根据自己电脑配置进行设置):

Audio Output	喇叭/耳机(Realtek High Definition Audio)
Audio Input	麦克风阵列(Realtek High Definition Audio)

Radio Server External Control DX Cluster Experimental	Serial (USB) Manual Radio CI-V Address: Manual Radio CI-V Address: Use CI-V address as Model ID too	
experimental	Serial Connected Radios	
	Serial Device: 📲 🔹 🔹 Baud Rate 👘 🔄 Send RTS for PTT 👥 🦺	
	Hostname 192.168.3.61 Control Pert 50001 Username user Password ••• RX Latency (ms) 150 TX Latency (ms) 150 RX Codec LPCM 1ch 16bit • TX Codec LPCM 1ch 16bit • Sample Rate 48000 • Audio System Qt Audio •	
	Audio Output 期印() 耳印, (Realtek High Definit * Audio Input 変形印序列 (Realtek High Defin *)	
	2	

3、设置完成后,点击"Connect to Radio",连接电台。

Radio Access Jser Interface	Radio Connection	CI-V and Model
Radio Settings Radio Server	🔘 Serial (USB) 📃 🦳 Man	ual Radio CI-V Address:
External Control	Network Use	CI-V address as Model ID too
Experimental		Serial Connected Barlins
	Serial Device: Ba	aud Rate Scott - Send RTS for PTT
	Hostname 192.168.3.61	Control Port 50001
	Username	Password •••
	RX Latency (ms)15	0 TX Latency (ms) (150 RX Coder IPCM tch 16bit + TX Coder IPCM tch 16bit +
	Sample Rate 48000 + Au	dio System Qt Audio *
	Audio Output 배비/패티 (Realtek I	High Definit * Audio Input 麦克风阵列 (Realtek High Defin *

4、连接后,则主界面"View"的频谱显示窗口有信号出现,表示 X6100 已经与电脑建立 了正确连接。



- 三、问题解决方案:
- 1、延迟大,原因:WiFi 信号弱,则需要电台尽可能靠近 IP 或使用 LAN 口连接。

View Band Frequency Settings			
	Spectrum		
12 13	14	15	16
96 96 97 97 97 97 97 97 97 97 97 97 97 97 97			
Spectrum Mode: Center - Span: ±50k -	ToFixed Clear Peaks Enable WF Theme: Jet		
14.270200 MHz 🦳 🎬		Transmit	reamp/Att
s <u>0123456789</u>	Data	Enable ATU Preamp:	Disabled *
100 Hz Rec	eive Filter	Tune Attenuator:	OdB -
Power On Power Off	T RF AF SQ TX Mic Ref Len Top Bot	CW Rpt/Split Antenna:	
About Save Settings Radio Status Log	Disconnect from Radi	io	Exit Program