

BT Lab用户手册

版本号: 1.1

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www.megasig.com



- 一、 界面说明
- 1. BT Lab操作界面操作界面简单,使用快捷,方便工程师快速调试

💀 BT Lab - V1.0.0.7			– 🗆 X
View Window			
COM: COM2(U982) V 921600 Advanced ENC Tool			BT Lab
_1.Connect	5.Command		[17:09:55.216]IN ← HFP_CONNECTING
QuickSearch V Disconnect SPP Connect Reset	Command.ini		[17:09:56.555]IN ← + auth_status_success Hex
Device Name Address(Enter and select RSSI Class	CMD List	Send Button Hex -	[17:09:56.568]IN ← DEVICE=98672E127973 NAME=SKDY MOD DVT Latest Logs
1 SFH-CC3-9323 004186669323 -80 040680	-12	Set Spp Ch	[17:09:57.071]IN ← Mgs Role=[Master]
2 SKDY 98672E127973 -43 240404	AIROHA UUID	AIROHA UUID	[17:09:57.129]IN ← AT+APLSIRI? [17:09:58.254]IN ← OK
3	0000000000	Set UUID	[17:09:58.265]IN ← A 2DP_CONNECTING
5			[17:09:58.293]IN ← a_2dp_connect_success
2.A2DP&HFP Control			[17:09:58.306]IN ↔ Mgs Role=[Master]
Wav File:			[17:09:58.337]IN ↔ SBC A2DP
e			[17:09:58.353]IN ↔ RSSI=-51 [17:09:58.370]IN ↔ AT+CSCS="UTF-8"
Start Play Device:			ОК
• A2DP Stop			[17:09:58.859]IN ← AVRCP_CONNECTING_LOCAL [17:09:59.033]IN ← avrcp_success
Vol+ Vol- 15			[17:10:00.060]IN ↔ BAT=9
			[17:10:01:624]IN ++ >SPP_CH_GE1=999
AT Send			
Wideband			
O HFP Disable Ring Hang up Mic Gain:			
Gain+ Gain- 10			
3.AVRCP			
C > + - > \ ~			
Count 0 0 0 0 0 0 0 0 0			
4.Connect Message			
Name: SKDV MOD DV/T			
Name: SKUT MOD DV1			
Address: 98672E127973			
State: SBC A2DP SampleRate: 48k Hz			
A2DP: Connect Rssi: -56 Get Rssi			
HFP: Connect Power: 10, Get Power		v	
AVRCP- Connect SPP Channel: 99. Get Spp Ch	n	Send	
Arrier and a standard			

- 1) 在view视图中可选显示界面的显示项
 - Basic 基础界面
 - CMD 指令界面
 - Dongle返回界面
- 2) window里可选将软件置顶界面
- 3) COM用来选择需要使用的设备COM口,982波特率默认设置921600,根据使用dongle填写。
- 4) Advanced:高级设置,可根据连接需要,来设置dongle连接时的参数。在A2DP Codes中可选 择连接的编码模式,修改排序可调整连接的顺序。

seneral Set						1.General Set					
Default V	/ol 15]	A2DP Profile	e Status En	able	Default V	əl 15]	A2DP Prof	file Status	Enable
AVRCP Versi	on 1.6 🗸		HFP Profile	e Status En	able	AVRCP Versio	n 1.6 🗸		HFP Prot	file Status	Enable
Search Class Of Devi	ice 000400	1	AVRCP Profile	e Status En	able	Search Class Of Devi	e 000400 🗘 💭	•	AVRCP Prot	file Status	Enable
Transmit Pow	ver -12 dBm 🗸		AVRCP Connectio	n Delay 120	00 ms	Transmit Pow	er -12 dBm 🗸		AVRCP Connect	tion Delay	1200 ms
Input Mode(U98	33) SPDIF 🗸		Output Mod	e(U984) 12	S 🗸	Input Mode(U98	3) SPDIF 🗸		Output Mo	de(U984)	12S 🗸
A2DP Codec						2.A2DP Codec		1			
A2DP Codec	☑ 48kHz	44.1kHz				2.A2DP Codec	☑ 48kHz	■ 44.1kHz	32kHz	□ 16kHz	
A2DP Codec aptX HD aptX LL	☑ 48kHz ☑ 48kHz	44.1kHz				2.A2DP Codec	☑ 48kHz ☑ Joint Stereo	■ 44.1kHz ✓ Stereo	□ 32kHz ☑ Dual Chann	■ 16kHz ne 🗹 Momo	
A2DP Codec Ø aptX HD Ø aptX LL Ø aptX	☑ 48kHz ☑ 48kHz ☑ 48kHz	44.1kHz	32kHz	□ 16kHz	•	2.A2DP Codec SBC Channel Modes d aptX HD	 ✓ 48kHz ✓ Joint Stereo ✓ 48kHz 	■ 44.1kHz ✓ Stereo □ 44.1kHz	■ 32kHz ☑ Dual Chann	■ 16kHz ne 🗹 Momo	5 5
A2DP Codec aptX HD aptX LL aptX SBC	 ✓ 48kHz ✓ 48kHz ✓ 48kHz ✓ 48kHz ✓ 48kHz 	44.1kHz 44.1kHz 44.1kHz 44.1kHz	32kHz	□ 16kHz □ 16kHz	•	Z.A2DP Codec SBC Channel Modes ✓ aptX HD ✓ aptX LL	✓ 48kHz ✓ Joint Stereo ✓ 48kHz ✓ 48kHz	 ■ 44.1kHz ✓ Stereo ■ 44.1kHz ■ 44.1kHz 	■ 32kHz ☑ Dual Chann	■ 16kHz ne 🗹 Momo	
A2DP Codec aptX HD aptX LL aptX SBC Channel Modes	 ✓ 48kHz ✓ 48kHz ✓ 48kHz ✓ 48kHz ✓ 48kHz ✓ 48kHz ✓ Joint Stereo 	□ 44.1kHz □ 44.1kHz □ 44.1kHz □ 44.1kHz □ 44.1kHz ☑ Stereo	□ 32kHz □ 32kHz ☑ Dual Channe	□ 16kHz □ 16kHz ☑ Momo	4	Z.A2DP Codec SBC Channel Modes ✓ aptX HD ✓ aptX LL ✓ aptX	 ✓ 48kHz ✓ Joint Stereo ✓ 48kHz ✓ 48kHz ✓ 48kHz ✓ 48kHz 	 ■ 44.1kHz ✓ Stereo □ 44.1kHz □ 44.1kHz □ 44.1kHz 	■ 32kHz ✓ Dual Chann	■ 16kHz ne Ø Momo	
A2DP Codec aptX HD aptX LL sptX SBC Channel Modes AAC	 ✓ 48kHz ✓ 48kHz ✓ 48kHz ✓ 48kHz ✓ 48kHz ✓ Joint Stereo Variable Sam 	☐ 44.1kHz ☐ 44.1kHz ☐ 44.1kHz ☐ 44.1kHz ☐ 44.1kHz ☑ 5tereo	□ 32kHz □ 32kHz ☑ Dual Channe	□ 16kHz □ 16kHz ☑ Momo	♠	- 2.A2DP Codec ✓ SBC Channel Modes ✓ aptX HD ✓ aptX LL ✓ aptX AAC	✓ 48kHz ✓ Joint Stereo ✓ 48kHz ✓ 48kHz ✓ 48kHz Variable San	 ▲44.1kHz ✓ Stereo ↓44.1kHz ↓44.1kHz ↓44.1kHz ↓44.1kHz 	Dual Chann	■ 16kHz ne Ø Momo	

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5) Connect:

点击搜索即可开始搜素,然后选择对应耳机进行连接。也可以单独连接SPP

Q	uickSearch 🗸	Disconnect S	PP Cor	nect	Reset
	Device Name	Address(Enter and	select	RSSI	Class
1	SFH-CC3-9323	004186669323		-80	040680
2	SKDY	98672E127973		-43	240404
3					
4					
5					

 A2DP&HFP Control: 可选择选择耳机切换A2DP或HFP模式 streaming:音频流开始或停止 Wav file:可选择播放WAV文件 Play Device:选择播放的设备 VOL: 音量等级 AT seng: AT指令发送 Ring:模拟接听电话 Hang: 挂断电话 MIC Gain:设置麦克风增益

		Way File:				
		њ				
Streamin	Streaming	Play De	evice:			
O A2DP	Start	► U982)			
	⊖ Stop			Vol:		
		Vol+	Vol-	15		
	Wideband	AT Send				
O HFP	Enable	Ring	Hang up	Mic Gain:		
	0 - 11 - 11	Gain+	Gain-	10		

7) AVRCP:

连接AVRCP以后, 可测试模拟按键功能





8) Connect Message:

显示连接耳机的信息

Name: SKDY MOD D	OVT	
ddress: 98672E1279)	73	
State: SBC A2DP	SampleRate: 48k	Hz
A2DP: Connect	Rssi: -56	Get Rssi
HFP: Connect	Power: 10.	Get Power
Autora Complete	SDD Channel 99	Get Son Ch

9) Command:

这里可以发送指令,单次保存以后,可以将指令集保存,需要调试再导入

Command.ini		9 6
CMD List	Send Button	Hex
-12	Set Spp Ch	
AIROHA UUID	AIROHA UUID	
00000000000	Set UUID	
		-
		-
		-
		-
		-
		-
		-
		-
		-

10) 串口返回数据界面 显示返回串口返回的数据信息,可选十六进制显示



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