[ProPTT2 Upload] Android Application User Manual

V3.1

Jan 2025 This document describes usage instruction for ProPTT2 Android Embedded Application.



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1. Introduction

1.1. About ProPTT2

ProPTT2 is a video IP-PTT solution for video/voice PTT, real-time video sharing and also it is voice PTT compatible with two-way radio. Find out more information on ProPTT2 website. ProPTT2 website: www.proptt2.com

1.2. ProPTT2 Upload

ProPTT2 Upload is an Android application that allows automatic uploading when online. The simple screen and UI allow for easy and convenient video/audio/photo shooting in an offline environment, and supports local file upload, upload and PTT/video sharing functions simultaneously on the same terminal.

1.3. Who Can Use

ProPTT2 Upload is for ProPTT2 Server Package (version 9.0 and above)customer's users

1. Server Package Customer's Users

Users of the customer who purchased ProPTT2 Server Package. Server Package administrator provides the users' ID and an initial password.

Server

2. Installation

2.1. Install ProPTT2 Embedded on Android device

	٢2				各 My account Language ▾
About ProPTT2	Product	Service	What can you do	Developers	Support
Video beyond Voice Push-T Download Applicatio You can download insti Product Installat	ds ons & Manuals allation files of ProPTT2 A	oplication and User Manula	S.		Home > Support > Downloads
	Product		Version	Date	Download
	* Please note Apple's batte	one App(iOS) ry protection policy restricts PT ound and screen-off.	T 9.1.1	2024.02.08	App Store →
	Smartphor	e App(Android)	9.1.3	2024.02.07	Google Play →
	(witho	Iroid) without App servic ut Sign up) ase Note	e 9.1.4	2024.02.09	Direct Download 🛛 🛓
ProPTT2 Application		d App(Android) use Note	9.1.4	2024.02.09	Direct Download Ψ
		ndows) with Edge	9.1.3	2024.02.09	Direct Download(64bit)
	* This version has been o	Vindows) with IE Ise Note iscontinued with the IE service opped.	7.1.2	2022.04.27	Direct Download(64bit) <u>↓</u> Direct Download(32bit) <u>↓</u>
		App(Android) ase Note	1.2.2	2020.12.22	Direct Download 👱

- Go to the Download page on ProPTT2 website. (https://www.proptt2.com/en/support_download.html)
- Find Product Installation File > ProPTT2 Application > Embedded (Android) and click the Direct Download button to download an APK file.
- 3. Install APK file on your Android device.

÷	Security	۹
Passwo	rds	
Make p	asswords visible	-
Device a	dministration	
	administrators deactivate device administrators	
	wn sources stallation of apps from unknown	
	art management deny app auto-start during system boot	up
Manage	rmissions app permissions for security and rotection	
	rotection your data from unwanted access	
	anti-theft phone or wipe data remotely	

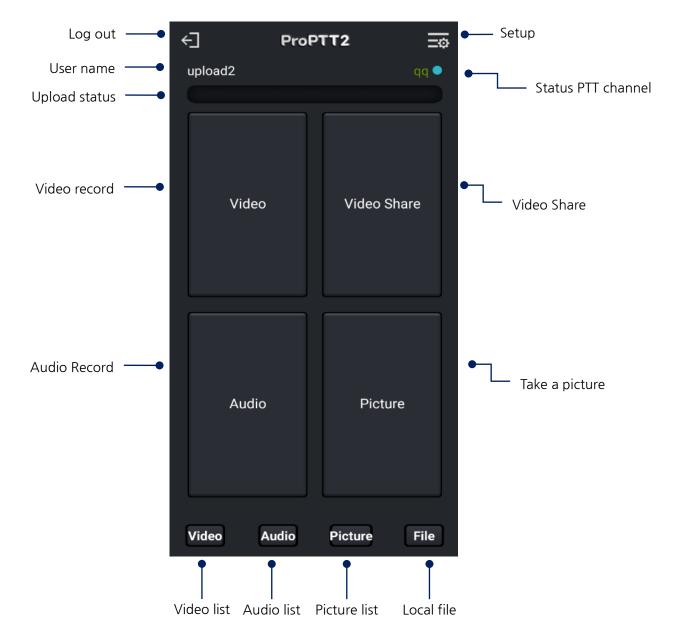
- * Before Install, go to Settings -> Security and check Unknown sources.
- 4. When the installation finished, launch the app.

3. Start ProPTT2 Upload

3.1. Account

ProPTT2 Embedded is for Cloud Service or Server Package customer's user. If you don't know your ID or initial password, please ask your Service administrator. About Log in, please refer to [4. Login].

3.2. Basic UI



1. Status PTT channel: Channel name. Green(Channel joined). White(Channel leaved), Red(Server disconnected)

4. Login

4.1. Server Package User Server

	Upload	×	KT 5:12 🖬 🖸 🙀	¥!@ 🖘 "II 97% 🖬	
			Setup host	×	Setup hos
Hello.	ſ	Setup host	Auto Search Search server automatically when you log in		Auto Search Search server automatically when you log in
Tiello.	L		Direct Input Input dedicated server ip or domain www.aaa.com or 192.168.0.1		Direct Input Input dedicated server ip or domain
r1	@ ourcomp	bany.com 🕲			10.0.0.37
ssword			Login Option	^	Success!
View password			Use secured login		The server has been connected.
			Using Imei		
Save ID			Phone Number Verification		
Auto login			Use mobile network only	-ř	
Po	wered by ProPTT2				
			III O	<	

- 2. Launch the app and tap settings icon on Login page.
- 3. Select Direct Setting.
- 4. Enter server IP or domain address and tap TEST.(If you don't know IP or domain address, please ask your Server Package administrator.)
- 5. If connection succeeds, go back to login page and input ID and password and tap **Login**. (If you don't know your ID or initial password, ask you Server service administrator.)
- 6. 5. Since server testing is not possible offline, you can log in offline by simply entering the ID and password you previously logged in with.

4.2. Login Option

	Upload X	KT 4:45 🦈 🖸 🛛 🕱 🔌 🗐 🕤	100% 🛿
		Setup host	×
 Hello. 	Setup host	Auto Search Search server automatically when you log in	~
		Direct Input Input dedicated server ip or domain	
user1	@ ourcompany.com &		~
Password		Login Option	^
View password		✓ Use secured login	
		Using SSAID	
		Using Imei	
Save ID		Phone Number Verification	
Auto login		Use mobile network only	
Po	wered by ProPTT2		
			(
			l

You can check login options in [Setup host] when you log in to ProPTT2 Upload.

- 1. Use secured login
- 2. Use SSAID: If you check this option, you can use the device with SSAID registered by administrator when you log in with a specific account.
- 3. Using IMEI: if you check this option, allows only administrator-registered device with IMEI to be used when logging into a specific account.(it is not supported from Android 10)
- 4. Phone Number Verification: if you check this option, allows only administrator-registered device with phone number to be used when logging into a specific account.
- 5. Use mobile network only: if you check this option, it works only with mobile network and not available on Wi-Fi network environment.
- 6. Use Device login: You can log in through SSAID/IMEI without entering an account. However, login is possible only if the permission is set on the server.

5. Video/Audio Record, Take a picture

5.1. Video Resord

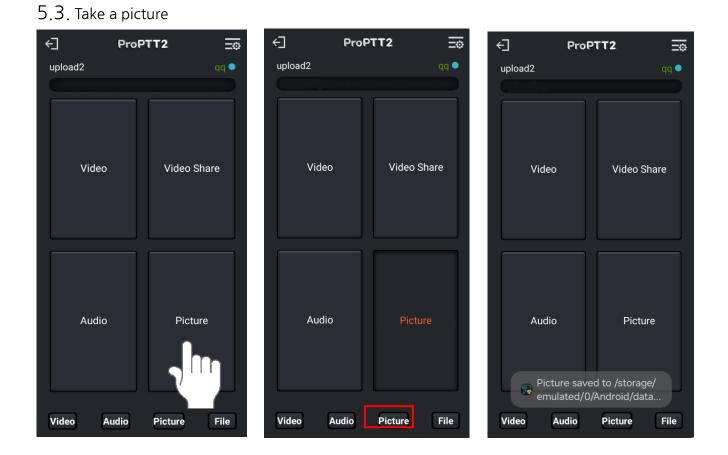
←] ProP	τ τ 2 <u>Ξ</u> φ	←] Pr	оРТТ2 Ξф
upload2	o pp	upload2	qq 🔍
Video	Video Share	Video 00:00:12	Video Share
Audio	Picture	Audio	Picture
Video Audio	Picture File	Video Audio	Picture File

- 1. Touch the Video button as shown on the screen.
- 2. Video recording begins and you can take pictures during recording by touching the Picture button.
- 3. When you touch the pressed Video button, recording is completed and the button state is reset.
- 4. When recording is complete, touch the Video button at the bottom of the main screen to go to the video history and you can see that the recorded upload details have been added.

5.2. Audio Record

←] ProP	тт2 ⊒⊚		ידד2 <u>=</u> סָ
upload2	o pp	upload2	od o
Video	Video Share	Video	Video Share
Audio	Picture	Audio 00:00:06	Picture
Video Audio	Picture File	Video Audio	Picture File

- 1. Touch the Audio button as shown on the screen.
- 2. Voice recording begins and you can take pictures during recording by touching the Picture button.
- 3. When you touch the pressed Audio button, recording is completed and the button state is reset.
- 4. When recording is complete, touch the Audio button at the bottom of the main screen to go to voice history and you can see that the recorded upload history has been added.



- 1. Touch the Picture button as shown on the screen.
- 2. Photo taking begins, and after a while, a message appears indicating that photo saving is complete, and the button status is reset.
- 3. Once the photo has been saved, touch the Picture button at the bottom of the main screen to go to the photo history and you can see that the saved upload details have been added.

5.4. Video Share

÷	ProP	тт2	⊟ø
upload2			qq 🔍
V	ideo	Video Sha	re
A	udio	Picture	
Video	Audio	Picture	File

- 1. Touch the video share button as shown on the screen.
- 2. The video will be shared on participating channels.

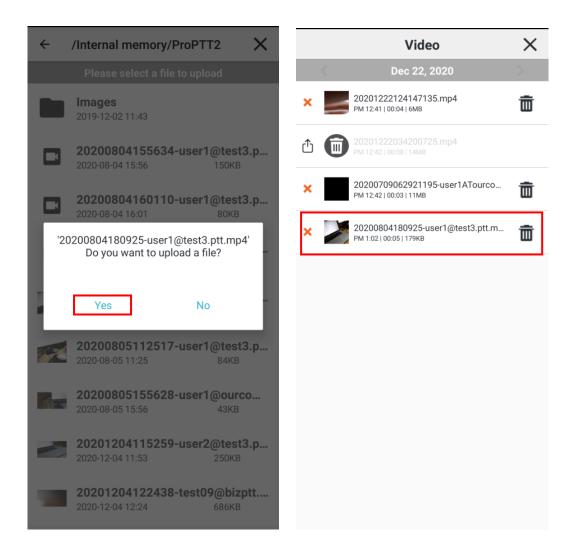
6. Upload a local file

You can browse and upload video/audio/photo local files on your device.

€]	ProPTT2	
User11		Ready 🔵
ready to upload		
Video File menu	Vide	eo With
Please select a c	category	
D Media	_	allery
Audio	Pi	cture
Video Au	dio Picture	File

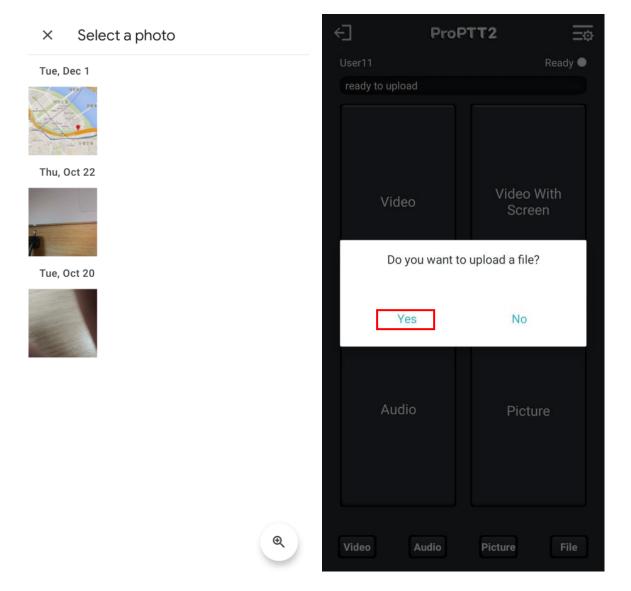
- 1. Select the File button at the bottom of the main screen.
- 2. Select the desired category among Media (video, audio) or Gallery (photo)..

6.1. Audio/Video file



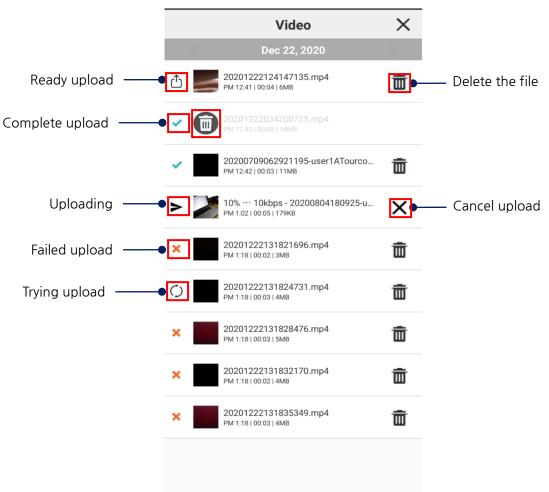
- 1. Go to the path of the file you want to upload and select the file.
- 2. Select Yes if you want to upload.
- 3. When you go to the video and audio history on the main screen, you can check whether local file upload details have been added..

6.2. Picture file



- 1. Go to the path of the file you want to upload and select the file.
- 2. Select Yes if you want to upload.
- 3. When you go to the photo history on the main screen, you can check whether local file upload details have been added..

7. Upload list of Video/Audio/Picture



- 1. Image applied when a file is deleted
- 2. When you touch the icon, a pop-up window will appear and if you select Yes, the file will be deleted.
- 3. × : When you touch the icon, a pop-up window will appear and if you select Yes, the upload will be canceled.
- 4. Once one file upload is finished, another file upload will be attempted.

8. Setup

♠ Setup	×
My account	
Basic configuration	
Bluetooth connect configuration	
PushToTalk Configuration	
PTT button configuration	
Video share configuration	
Upload Configuration	
Connection configuration	
Camera	
Video	
Advanced configuration	
Configuration	
Information	
Product Information	

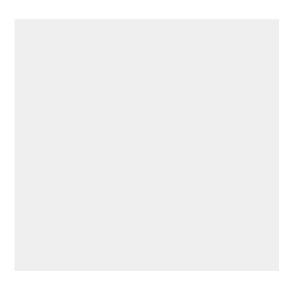
EXIT

8.1. My Info

You can see and change account settings.

<	My account	
ID user1@ourco	mpany.com	
User Nam	e	User11
Save ID		ON
Auto Logii	n	OFF
Language		English

Logout



- 1. Setting Account
 - ID: You can see your ID. You cannot change your ID.
 - Change Password: Tap here and you can change your password.
 - Save ID: Make the app remember your ID.
 - Auto Login: Automatically log in when app is restarted.
 - Language: You can change language.
 - Logout

8.2. Basic configuration

You can make basic settings.

< Basic configuratio	'n
Use a video view When recording or sharing a video, the video screen will be appeared.	ON
Show menu buttons Whether the menu buttons are shown on the bottom.	ON
PushToTalk configuration lock ^{OFF}	



- 1. Use a video view
 - You can set to use a video view for video record or video share.
- 2. Show menu buttons
 - You can set whether the menu bottons will be shown.
- 3. PushToTalk Setting Lock
 - You can set a password to keep your PushToTalk settings.

8.3. Bluetooth connect configuration

You can connect your Bluetooth device and the app.

Solution Connect Configuration Configurat	ation
Bluetooth Connect	
Bluetooth Headset Connect No connection	OFF
Bluetooth PTT Button Connect No connection	OFF
Bluetooth Button	
You have to pair your smartphone with a bluetooth device and switch on bluetooth	mode.
Auto Connect	0
ProPTT2 Standard BLE	•
SHP612	
Coda compatible devices (BLE)	٠
Blu-PTT	•
aina smart button	•
Dellking-R16	

Bluetooth battery save mode.

- 1. Bluetooth Connect: Connect the app and a Bluetooth device.
 - Bluetooth Headset Connect: Connect a headset type Bluetooth device.
 - Bluetooth Button Connect: Connect a PTT button type Bluetooth device.

* If you want to connect a Bluetooth device that has both speaker and PTT button, you have to turn ON both Bluetooth Headset Connect and Bluetooth PTT Button Connect.

2. Bluetooth Button: You can select the Bluetooth device option.

- Auto Connect: Automatically search Bluetooth devices. (Please visit our website to see enable devices.)

- Some Bluetooth devices that require manual settings are displayed separately

3. Bluetooth Battery Save mode: If you turn ON this option, make the Bluetooth device's speaker/mic turn on only when you send/receive PTT messages to save the battery of the Bluetooth device.

* If the playback quality of the music is not good: ProPTT2 uses the call mode for two-way communication when connected to Bluetooth. Still, the sound quality of your music may drop. If you set the save mode, you can use the call mode only when sending / receiving PTT, so you can maintain the sound quality of music.

8.4. PTT Button configuration

You can set up for Push-To-Talk button.

< PTT button configuration	n	C PTT button configured in the second sec	ration
Notification Bar PTT		Dedicated earphone	
Enable Notification Bar PTT You can use a PTT button on the notification bar.	ON	(Push-and-Hold)	•
Custom Button		Allow using button when	OFF
Auto Detection	0	screen is off This option may use more battery.	UFF
Volume-Up button	•	Force play button permissions Turning on this option may stop music playback.(Within 3 seconds)	OFF
Volume-Down button			
User-Specified button		SOS Button Configuration	
Allow using button when media is playing	OFF	Auto Detection Automatically search button from th device.	ne external 🛛
		User-Specified button	•
Allow using button when screen is off		Using SOS Long Key	OFF
This option may use more battery. May not be supported depending on	OFF	USB Device Configuration	
the device. Only supports volume keys.		It supports interworking with USB devices.	No connec tion
Earphone button / Bluetooth play butt Configuration	ton	Unused	0
Default earphone (Toggle mode)	0	BNP SMARTSEE	

- 1. Notification PTT: In notification bar, you can use PTT.
- 2. Custom Button: You can specify custom button of external devices.
 - Auto Detection: When connecting the bundled earphones, recognize the button on the bundled earphones as a lock button.
 - Volume-Up/Down button: Use the volume button as a lock button.
 - User-specified button: Select this option and press a button on the external device.
 - Allow using button when media is playing: You can use the button to send a PTT when media is playing.

- Allow using button when screen is off: You can use a volume key as a lock button when screen is off. (This option may use more battery. * May not be supported depending on the device.)

3. Earphone Button: You can set earphone button options.

- Default earphone (toggle mode): bundled, general earphone type. This type supports toggle button mode.

- Dedicated earphone (Push-and-Hold): Push-To-Talk dedicated earphone type. This type supports Push-and-Hold mode.

- Allow using button when screen is off: turn this option ON to use the earphone button when the screen is off.

- Force Play button permissions: you can use Play button to transmit PTT message when screen is off and music is playing, (If you turn option ON, music playback may stop)

4. SOS Button Configuration: You can specify the button of external devices for sending SOS message.

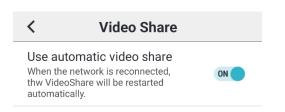
- This support two options (Auto Detection, User-Specified button). and If SOS long key, the device must support it.

5. USB Device Configuration

- It supports interlocking with USB devices and supports buttons of the device.

8.5. Video share configuration

You can set up for video share.



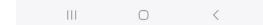


1. Use automatic video share: When the network in reconnected, the video share will be restarted automatically.

8.6. Connection configuration

Connectivity for uploading configuration.

< 0	connection configuration	ı
Connect	tivity for Uploading	
Select files.	the connection to use when uploadin	Ig
All		0
WiFi/	Ethernet	•



1. Connectivity for uploading: Specifies the network to use to upload files.

8.7. Camera configuration

Supports camera settings.

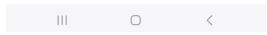
<	Camera	configura	tion
Cam Front	era Camera(Self)		
Previe	ew rotation		
Aut	0		0
Rot	ation 0		
Rot	ation 90		
Rot	ation 180		•
Rot	ation 270		•
Outpu	t file rotatior	1	
Aut	0		0
Rot	ation 0		
Rot	ation 90		•
Rot	ation 180		•
Rot	ation 270		•
cam	cameras only s		OFF
	111	\bigcirc	<

- Camera specific setting Specifies the front or rear camera.
- Preview rotation setting
 Specifies rotation of preview(video view).
- Output file rotation setting
 Specifies rotation of output file(mp4).
- Uses USB camera (UVC camera) turn this option ON to connect external USB camera for video transmission. Supported some cameras from some devices.

8.8. Video configuration

You can set the video used when recording.

<	Video	
	5 ce does not support der, it may malfunction.	ON
Video Qua	lity	
High		
Medium	l	0
Low		•
Video shar	ing rotation	
Auto		0
Rotatior	0 ו	
Rotatior	ו 90	
Rotation	ו 180	
Rotatior	ו 270	



1. Use H.265

It can be used if the terminal provides an H.265 encoder. Depending on the terminal, malfunction may occur.

2. Video Quality

You can set the video quality to high, medium, or low.

3. Video sharing rotation

You can set the video share's rotation.

8.9. Advanced configuration

You can set special functions.

< Advanced	configurati	on	
Kiosk mode confi The app will always sta foreground without goi	ay in the		OFF
Audio Output			
Using VOIP Mode (Both sending and receiv master's PTT is support	ing are possible.	The	۲
Using MP3 Mode (Output volume would be sending, receiving audio the master's PTT could n	e better but when would be delaye		0
Debugging			
Internal storage, Record debug_log.txt(up to 10N		oload/	
Network Logging			OFF
Development Logg	ling		OFF

- 1. Kiosk mode setting: If your turn this option ON, the app will always stay in foreground.
- 2. Audio output: You could set audio output path.
- 3. Debugging
 - Network logging: Records network-related logs for debugging assistance.
 - Development logging: Records app-related logs, excluding network, for debugging assistance.

8.10. Configuration

<	Configuration	
at sta When setting	the app automatically art-up the phone is restarted(After g auto login), the app will atically run.	ON
app i When	ole Auto-Lock when s running the app is in foreground, ed the auto screen lock e.	ON

- Run the app automatically at start-up If you turn this option ON, the app will automatically run when the device is restarted.
- Run the app automatically at start-up
 Turn this option ON to disable the auto screen lock when the app is in foreground.

8.11. Information

< Product Information		
Current Version	2.0.1	
Latest Version	1.0.0	
Brand	samsung	
Device Manufacturer	samsung	
Model Information	SM-S911N	

Product Information: You can see application version information, and website information
 A. If the latest version has a badge icon, you can click on it to upgrade to the latest version.

9. Close Application

♠	Setup	×	_ ♠	Setup	\times
My account			My account		
Camera			Camera		
Debugging			Debugging		
Product Inform	nation		Product Informa	tion	
			Are you sur	e to quit ProPTT2 Upload? Confirm	
	EXIT			EXIT	

- 1. Go to Setup
- 2. Tap Exit at the bottom of the screen.
- 3. Tap [Confirm] to quit the application.

10. **FAQ**

Please refer to FAQ page on ProPTT2 website. FAQ: http://www.proptt2.com/en/support_faq.html