RIDGID
Bluetooth Mini Radio
UI breakdown

REV 4.0
122115

⚠️ **Strict Rules**

✳️ **Conditions**

♪ **Audible Feedback**

Bluetooth Behaviour

⚠️ If no BT device is paired then everytime BT mode is activated it should automatically go to Pair mode.

⚠️ No special code/password is required to pair.

⚠️ Radio should advertise itself as: "Streaming RIDGID Mini Radio" "Control RIDGID Mini Radio"

⚠️ In order to pair another device other than the current paired device user must press bluetooth button and hold for 3 seconds.

⚠️ Radio should always remember the last paired device without having to re-pair.

⚠️ If the radio is in PAIRING mode, BUT NOT BT streaming mode (i.e. the radio is attempting to pair to a device for app remote control functionality) for more than 5 minutes and no device connects to the radio, the radio should exit the BT pairing mode and turn the BT circuits OFF to conserve energy.

BT 4.0 Devices

✳️ Remote function: When the radio is connected to BT 4 devices via the Low Energy protocols for app functionality, the radio should maintain this connectivity all the time.

✳️ Streaming mode: When the radio is connected to BT 4 devices via the for streaming functionality, the radio should maintain this connectivity all the time.

Legacy BT Devices

✳️ Remote function: When the radio is connected to BT devices via the legacy/classic protocols for app functionality and the connection is lost, the radio should remain active for 15 minutes. If the BT device does not reconnect in 15 minutes, the BT circuits in the radio should be shut down to conserve energy.

✳️ Streaming mode: When the radio is connected to legacy BT devices via the for streaming functionality, the radio should maintain this connectivity all the time.

Screen Feedback		TASK	1st LEVEL	2nd LEVEL	3rd LEVEL	
		Power On/Off	Press knob to toggle			
	Numbers between 0 (mute) to 30 (max) show up for volume adjustment	Change Volume	Turn Knob			
	If no time was set, then clock blinks until time is set.	Set Time	SOUND CLOCK — Hold Sound/Clock for 3 seconds until clock shows up blinking	< > Use to toggle between the hour, minute, and 12hr/24hr	Turn knob to adjust hour/min	
✳️ Radio should show the clock by default if the time is set.	5 seconds after last button is pressed, display returns to show clock.	Display Mode	N/A			
		Change Mode	MODE — To toggle through modes [AM, FM, AUX, Bluetooth]			
	Bluetooth icon turns on and BT text shows up.	Bluetooth Mode	❄ Press to jump to Bluetooth mode.			
	✳️ Bluetooth icon blinks during pairing process ♪ Audible feedback after successful pairing	Bluetooth Pairing	❄ Hold down for 3 seconds to unpair from device			
	Preset number blinks prior to saving	Set A Preset *AM FM Presets are Separately set*	PRESETS Hold down for 3 seconds to save current station as a preset	< > Preset number blinks, press < or < to select a preset.	PRESETS Press to save the selected preset number.	
		Preset Selection	PRESETS Press to toggle between presets			
		Scan *Radio mode*	< > Hold < and > together for 3 seconds to scan	Seek *Radio mode*	> Hold > for 3 seconds to seek forward	< Hold < for 3 seconds to seek backward
		Fine Tune Station *Radio mode*	< > Press to fine tune			
		Play/Pause *Bluetooth mode*	PRESETS Press to toggle play/pause			
		Next/Previous Track *Bluetooth mode*	< > press > once to skip to next track press < once to re-start from the beginning of current tack press < twice to skip to previous track			
	Shows minus if set to below 0 increments / Min: -5 Balance: 0 Max: +5	EQ Settings	SOUND CLOCK — a. Press "Sound/Clock" to enter bass adjust mode. b. Adjust the bass setting with the volume knob. c. Press "Sound/Clock" to save the bass setting and enter treble adjust mode. d. Adjust the treble setting with the volume knob.	✳️ Press the "Sound/Clock" button at the end to signal save. If there is no button press for 15 seconds than the program automatically locks in the current settings and switches back to the previous mode.		
	remote icon appears when App is controlling radio.	Bluetooth Remote				

FCC STATEMENT
1. 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.
(2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
    Reorient or relocate the receiving antenna.
    Increase the separation between the equipment and receiver.
    Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
    Consult the dealer or an experienced radio/TV technician for help.
FCC Radiation Exposure Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

IC NOTICE TO CANADIAN USERS
This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device. This device complies
with RSS-247 of Industry Canada. Operation is subject to the condition that this device does not cause harmful interference. This Class B digital apparatus complies with Canadian ICES-003 (Cet appareil numérique de la Classe B conforme à la norme NMB-003 du Canada).

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Le présent document IC brouilleur fixaient un rayonnement incontrôlée. Installation et mise en œuvre de ce matériel devrait avec échangeur distance minimale entre 20 cm & ton corps.