
BURAN 1200 S&F Audio Monitor

Advanced Store&ForwardSmartVoiceRecorderwith4GUplink function



Overview

BURANS&F smart audio monitor. Featuring low-power recording with voice activation, 4G cellular uplink for autonomous server uploading, and real-time VoLTE audio streaming.

Features

- ❑ **Circular recording** – Loops back and overwrites old files once internal memory is full. Note: Internal memory can store up to a 1-hour audio file. Please insert a 4G SIM card with data service so that the audio files can be uploaded to the server. The earliest file will be erased when the memory is full, and if it has not been sent to the server, it will be lost.
- ❑ **Voice-triggered recording** – Select to record only when voice is detected, providing up to 7 days of standby.
- ❑ **Cloud push notification** – Use the mobile app Audio monitor to get a push notification when the device starts to send files to the server.
- ❑ **Real-time remote listening** – If a VoLTE-enabled SIM card is used, you can call in to listen in real-time (enable Call Auto Answer through the BURAN SF setup tool on Windows or Mac).
- ❑ **Scheduled recording** – Automatically wakes up to record (up to 4 timeslots per day, repeating daily).

Technical details BURAN 1200 SF :

Dimmensions: 50 x 40x20 mm

Battery capacity: 1200mAh

Battery duration (recording and upload) : 20 hours

(standby recording) : 7 days

(live listen) : 10 hours

Charging

Before using the device for the first time, or if it has not been used for a long period, please fully charge the battery for at least 4 hours and sync the time using the configuration tool. You can charge the device through a USB port on your computer, a power bank, a 5V DC adapter, or a car charger.

- ☐ Charging via Computer USB: Connect the USB cable to the computer and the device. The device will function as a mass storage device, and you will not be able to record audio at this moment.
- ☐ Charging via Power Bank / DC Adapter / Car Charger: You can record audio while charging through these external sources.

Recording Operations

The Power key is located on the side of the device and turns the unit on or off.

- ☐ Start Recording: Press and hold the Power key for approximately 2 seconds until the green LED turns on, then release the key. When the green LED begins flashing, the device is actively recording.
- ☐ Stop Recording: Press and hold the Power key for approximately 3 seconds until the red LED flashes, then release the key. After a short delay, all lights will turn off, indicating the device is powered down.
- ☐ System Reset: If the device hangs or freezes, press the RESET key for 1 second to reset it. The internal time will be lost; please use the configuration tool to synchronize the time again.

LED Status Indicator Guide:

Operating Without an External Charger

- ☐ Green Steady On: Device is booting up.
- ☐ Green Fast Flashing: Normal recording mode.
- ☐ Green & Red Slow Flashing Simultaneously: Uploading files to the server.
- ☐ Green & Red Slow Flashing Alternately: SIM card error or failed server upload.
- ☐ Green & Red Fast Flashing: Low battery warning.
- ☐ All LEDs Off: Device is powered off, in voice-trigger standby mode, or outside of a scheduled recording timeslot.

Connected to an External Charger (Power Bank / Adapter)

- ☐ Green & Red Steady On: Charging, but not recording.
- ☐ Green Steady On: Device is booting up.
- ☐ Green & Red Fast Flashing Simultaneously: Charging and recording actively.
- ☐ Green & Red Slow Flashing Simultaneously: Uploading files to the server.
- ☐ Red Slow Flashing: SIM card error or failed server upload.
- ☐ Green Steady On (after booting): Charging is complete, not recording.
- ☐ Green Steady On & Red Fast Flashing: Battery hardware failure.
- ☐ All LEDs Off: Device is in voice-trigger standby mode or outside of a scheduled recording timeslot.

Connected to a Computer

- ☐ Green & Red Steady On: Battery is charging.
- ☐ Green Steady On: Charging is complete.

Setup and Deployment

1. Fully charge the device. Insert a 4G SIM card with data service (or a 4G VoLTE-enabled SIM card if you require real-time call-in listening) following the card orientation diagram.
2. Download and install the configuration software (BURAN SF setup) on Windows or Mac. Tip: Temporarily turn off anti-virus or firewalls before downloading if the program is blocked; the file is completely safe.
3. Sync the time, modify your preferred settings, and configure scheduled recording timeslots if required.
4. Register the device to the server using your email and a password. If you have registered your email before, use that email and the corresponding password. If you forget the password, press Reset Password. If you did not register your email before, use a new email address and password.

Customizing Settings via PC Tool (BURAN SF setup app)

Open the configuration tool to change the following parameters:

- ☐ LED On/Off: Turn off to ensure no LEDs show while the device is in standby or inactive timeslots.
- ☐ Mic Gain (1 to 5): Level 5 is the most sensitive; level 1 is the least sensitive.
- ☐ Voice-Trigger Sensitivity: Set to High, Medium, or Low based on your environment. Set to Disable if you require continuous recording.
- ☐ Post-Trigger Record Time (20 / 40 / 90 sec): Determines how long the device keeps recording after voice activity stops.
- ☐ Split File Time (1 / 2 min): Automatically splits and creates a new audio file after the set duration.
- ☐ 5V Auto On: If enabled, the device turns on automatically as soon as a 5V USB source is connected.
- ☐ Call Auto Answer: Enable this if you have a VoLTE SIM card and want to call in to listen live.
- ☐

Device Registration

1. Connect the device to a computer and use **BURAN SF setup** to register the device to the server
2. Input an email address and a password
3. Press Register and remember shown server address and device ID
4. If you have an account before but forget the password, press Reset Password and a new password will be emailed to you, please check the junk or spam folder also. If you do not remember the email address, please contact our technical support, OR you can use a new email address to register

File Playback

Web Browser Playback

- ☐ Log into the server address shown in **BURAN SF setup** app, use your registered email and password.
- ☐ Click the Reports icon, then Configure to choose your device and time period. Press Show to list the files.
- ☐ Click Play to listen, or Save to download. Note: Files are stored on the server for a rolling 2 days.

Local Computer Playback

- ☐ Connect Buran to your PC/Mac via USB. Open the removable drive, navigate to the device folder, and double-click the .ogg files. Use VLC Player for playback if needed.

Mobile App Setup

- ☐ Install the mobile app **Audio monitor** on Android or iOS.
- ☐ Open the app, press the + sign, and input your Device ID, Server Address, and your registered server email/password (all these are visible on BURAN SF setup app)
- ☐ Press Save, tap your Device ID, and select Go to Cloud to view and download your files.

Formatting the Internal Memory

Individual files cannot be deleted through a computer link to prevent tampering. To erase ALL files, follow this hardware sequence with caution:

1. Turn off the device.
2. Connect the device to a 5V USB charger or power bank (not a computer).
3. Press and hold the Upgrade key for 4 seconds until the Red light flashes, then release it. (You have 4 seconds to disconnect power here if you wish to cancel).
4. Press and hold the Upgrade key again for 4 seconds; the Red light will become steady. Release the key.
5. Wait roughly 20 seconds; once the green light starts flashing, formatting is complete. Remove the USB power source.

PC and mobile apps links:

BURANSFsetupPC (Win and Mac) app download link:

secureee.com/soft/BURAN_SF_setup.zip

Android and Iphone Mobile app links :

