

Bettear

B-LITE | User Manual

A designated hand-held Wi-Fi receiver compatible with B-SHOW and B-ART systems

www.bettear.com

App Version: 1.0.8

Highlights:

- Automatic Wi-Fi Connection
- Visual and Textual Content
- User-Friendly Interface
- Audio Personalization
- Live Transcription
- Admin Configurable Settings



TABLE OF CONTENTS

<i>Introducing the B-LITE.....</i>	<i>3</i>
<i>Quick Start.....</i>	<i>3</i>
<i>B-LITE Preferences</i>	<i>3</i>
Language	3
Text size.....	3
Screen brightness.....	3
<i>Specifications</i>	<i>4</i>
<i>B-LITE App Update Instructions.....</i>	<i>5</i>
<i>Advanced Settings</i>	<i>5</i>
Accessing the Admin Panel.....	5
Admin Panel Overview.....	6
Default language	6
Default group ID.....	6
Group color	6
Enable captions	7
Display image	7
Simple UI mode.....	7
Screen timeout.....	7
Screen always on.....	7
WiFi configuration.....	7
Admin.....	7
Application	7
<i>Warranty.....</i>	<i>8</i>
<i>Privacy Policy.....</i>	<i>8</i>
<i>Support.....</i>	<i>8</i>

Introducing the B-LITE

The B-LITE is a dedicated smart receiver, compatible with the B-SHOW and B-ART solutions. It designed for use by individuals without personal smartphones in various scenarios, ensuring an inclusive experience and listening to auditory content with high quality for everyone.

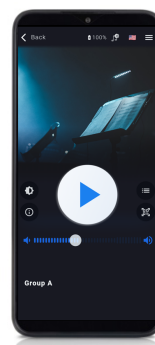
The B-LITE runs a plug-and-play, simple to use app version to make it easier to the end-users enjoying the system even if they have zero technical knowledge.

When the device is on, it automatically searches for Bettear’s networks around. Once you’re in the range, a screen with visual and textual content, related to the site or event will be displayed. Simply take a seat, put on the headphones and enjoy.

Quick Start

The B-LITE is a plug-and-play device:

1. Power on the device – press and hold the power button for 2 seconds.
2. After the startup process completes, the device will automatically search for a ‘BETTEAR_5’ WiFi network connected to a B-SHOW or B-ART device.
Note: To configure a default network other than ‘BETTEAR_5’, refer to the [WiFi configuration](#) in the Admin Panel section.
3. Once a network is found and successfully connected, ensure your headphones are connected to the 3.5mm jack and start listening to the desired content. Use the play/pause button as needed.



B-LITE Preferences

Device’s preferences can be customized through the ‘Settings’ menu.

Language

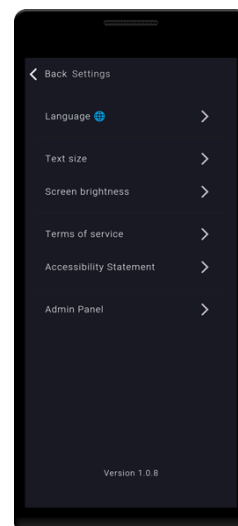
Tap ‘Language’ to display the language selection menu. Select your preferred language to apply.

Text size

Tap ‘Text size’ to display the text size slide bar. Adjust the slider to set your preferred text size.

Screen brightness

Tap ‘Screen Brightness’ to display the brightness bar and custom your preferred app’s brightness.



Specifications

DISPLAY		MAIN CAMERA	
Screen Size	6.52-inch	Main Rear Camera	Pixel: 8MP (3GB+16GB Version) /13MP (4GB+64GB Version) Details:SONY IMX219, 1.12µm, 5 piece lens, FOV 69°, f/1.8 large aperture (3GB+16GB Version)/HI1332 CMOS sensor, 1.12µm, 5 piece lens, FOV 78.2°, f/2.0 large aperture (4GB+64GB Version)
Screen Resolution	720 x 1600 HD+	Flash	2
Aspect Ratio	20:9	Video Recording Resolution	1080P@30fps, 720P@30fps, 480P@30fps
PPI	269		
Color Depth	8bit, 16.7M		
Refresh Rate	60Hz		
Screen-to-Body Ratio	90%		
Multi-touch	10		

PROCESSOR		SEELFIE CAMERA	
CPU Model	MediaTek Helio A22	Pixel	5MP
Main frequency	2.0GHz	Details	Samsung S5K5E2 sensor, 1.12µm, 4-piece lens, FOV 78°, f/2.0 large aperture
CPU Core	4, ARM Cortex-A53	Video Recording Resolution	1080P@30fps, 720P@30fps, 480P@30fps
GPU	PowerVR GE8300		

MEMORY		COMMS	
RAM	3GB	WiFi	802.11 a/b/g/n/ac
Storage	16GB	Bluetooth	BT5.0
Max. Expansion Supported	128GB	USB	USB-C

BATTERY & CHARGING		SYSTEM & FEATURES	
Capacity	4500mAh	OS	Android 12
Watt Hours Per Battery	17.33Wh	Sensors	Light sensor, Proximity sensor, Acceleration sensor
Battery Type	Li-polymer battery		
Charging Details	5W, 5V/1A		

BODY		SOUND	
Dimensions	164.8 x 76 x 8.95 mm	Loudspeaker	Yes
Weight	189 g	3.5mm jack	Yes
Package Size	91 x 180.5 x 55 mm		
Package Weight	445 g		

B-LITE App Update Instructions

To facilitate maintenance and updates, each B-SHOW and B-ART firmware contains the latest B-LITE app release. The updated version number is displayed on the B-SHOW and B-ART's management panel under the 'B-LITE Version' section in 'Summary'.

The B-LITE app can be easily updated via B-SHOW and B-ART systems.

To update the B-LITE:

1. Power on a B-SHOW/B-ART device connected to a 'BETTEAR_5' network.

Note: it is possible to run the B-SHOW/B-ART on networks other than 'BETTEAR_5' for updating. In this case, modify the default network of the B-LITE from its in-app admin panel accordingly.
2. Power on the B-LITE and wait until it connects to the B-SHOW/B-ART.
3. Tap the 'burger' icon in the upper corner of the screen to access the 'Settings' menu.
4. On a B-LITE with an app version less than 1.0.0:
 - a. If a new app version is available, the 'Update App' button will be enabled - Tap it
 - b. A dialog will pop up -> tap 'Update'
5. On a B-LITE running app version 1.0.0 or higher:
 - a. Enter the 'Admin Panel' (default login values: username – 'admin', password – '4308').
 - b. Scroll down to the 'Application' section. If a new version is available, tap the 'Update' button.
6. After the update process completes successfully, tap 'Open' on the displayed dialog.
7. Tap the 'burger' icon to display the app menu and check the current app version at the bottom to ensure the update was successfully completed.

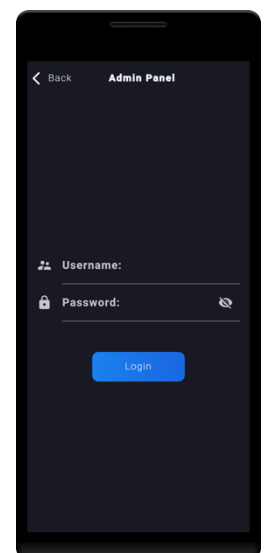
Note: If the app is running in 'Simple UI' mode, after connecting to a B-SHOW, rapidly tap 5 times on the top of the screen's empty space (between the battery status icon and the 'back' button) to enable 'Admin mode' and access the app menu.

Advanced Settings

The B-LITE includes advanced features and settings that can be modified and managed through the 'Admin Panel'.

Accessing the Admin Panel

1. Tap the 'burger' icon in the B-LITE app to access the 'Settings' menu:
 - On the network searching screen, the 'burger' icon is in the lower-right corner.
 - On the play/pause screen (after connecting to a stream), the 'burger' icon is in the upper right corner.
 - In 'Simple UI' mode, rapidly tap 5 times in the empty space at the top of the screen (between the battery status icon and the 'back' button) to make the 'burger' icon appear in the upper-right corner.
2. In the menu, tap 'Admin Panel'.
3. Enter the admin username and password (default: username – 'admin', password – '4308').
4. You can now modify the advanced settings of the B-LITE.



Admin Panel Overview

Advanced settings and features can be modified and controlled through the 'Admin Panel'.

Default language

In this section you can choose the default language to be automatically selected and loaded without requiring any user interaction.

When set to 'None' (the default value), every time the app detects multi-lingual content, a menu with available language options will be displayed, allowing the users to select their preferred language.

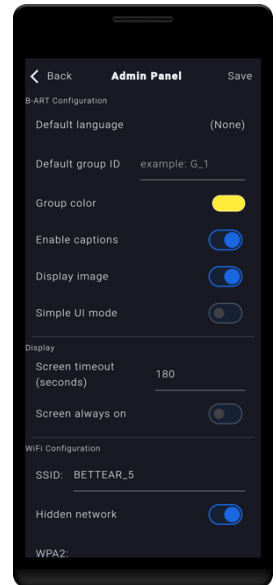
Note: this feature is only functional with B-ART devices. It should not be used with B-SHOW devices.

Default group ID

This feature allows to define a default playlist/group for listening when using B-ART devices. Enter the trigger identifier of the desired playlist to have it play automatically, as configured in the B-ART's management panel.

Leave this field empty to display a list of available playlists/groups to the user in the B-LITE app.

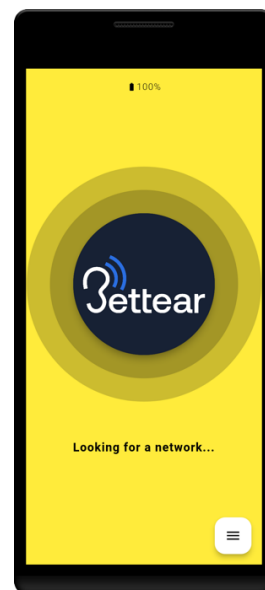
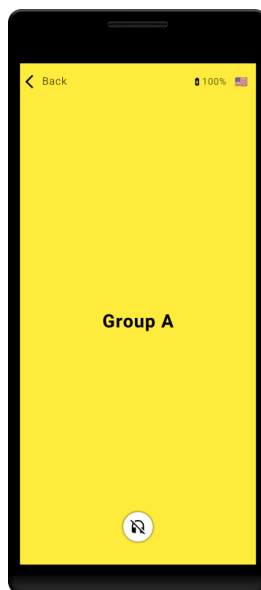
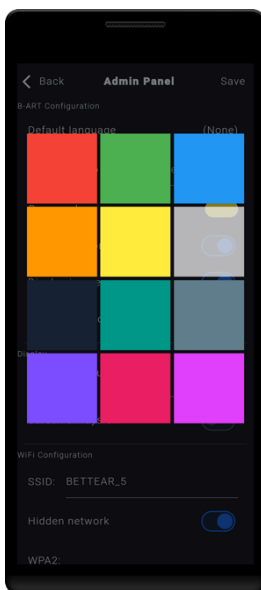
Note: this feature is only functional with B-ART devices. It should not be used with B-SHOW devices.



Group color

In some cases, you may want to provide B-LITE devices a distinct appearance to make it easier to distinguish between those dedicated to different audio streams. For example, in a museum with multiple visitor groups touring simultaneously, you can assign different background colors in the app for each group. Tap the color button to select a group color from the color palette.

Note: this feature is only functional with B-ART devices. It should not be used with B-SHOW devices.





Enable captions

Toggle this switch to enable or disable caption display in 'Simple UI' mode.

Note: this section is applicable only with B-ART devices when 'Simple UI' is enabled.

Display image

Toggle this switch to display or not display the playlist's image when 'Simple UI' mode is enabled.

Simple UI mode

Enable this mode to run the app with a simple and clean appearance offering only basic functionality. After connecting to the desired playlist, the only element displayed on the screen is the playlist name. Once you plug in your headphones it will automatically play, based on the playlist's triggers.

A common use case for this mode is museum tours, where the goal is to avoid distracting visitors from the exhibits and to prevent accidental user actions, making it 'foolproof'.

Several customizations can be made from the admin panel, based on site or project requirements, such as displaying captions or images, selecting background colors depending on context, and more.

Screen timeout

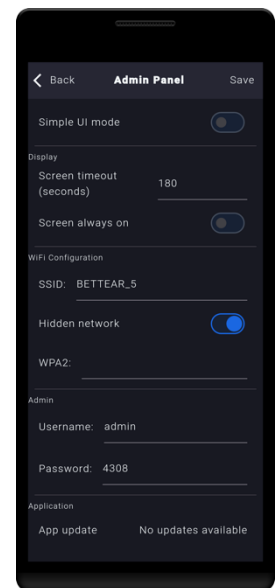
Allows you to adjust the time before the screen automatically turns off.

Screen always on

Enable this switch to keep the B-LITE's screen permanently on. If this feature enabled the device will not enter sleep mode.

WiFi configuration

In this section, you can modify the network information used for the automatic connection process. If you wish to set up a network other than the default open and hidden 'BETTEAR_5' and have the B-LITE automatically connect to it, enter the required network configuration here.



Admin

In this section, you can modify the username and password for accessing the 'Admin Panel' to your preference.

Application

If you're connected to a B-SHOW device, in this section you see if there is a newer B-LITE version available to install or if your current version is the latest. If a new version is available, an 'Update' button appears. For further information regarding the updating process, refer to [B-LITE App Update Instructions](#).



Warranty

Please visit www.bettear.com for warranty and service information.

WARNING: Electrical Shock Hazard. No user serviceable parts inside. To reduce the risk of electrical shock, do not remove or open the cover. Please contact Bettear for assistance.

Privacy Policy

Please visit www.bettear.com for privacy policy and service information.

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