LIGAAIR CASAMBI commissioning basics

Connect devices according to the connection diagram from https://ligaair.ch/de.

Download the Casambi app and **set** up a **"New network"**
When commissioning, we recommend a good internet connection so that there are no synchronisation problems with the cloud and the auto-backup function (undo) can be used at any time.

Select **"Share" "Password protected"**. Make a note of the data and save it.

Admin: Has full control over all network aspects.
Manager: Can configure the network (change the programming), but cannot create new user accounts, change performance and security settings or delete devices and network.
User: Can only use the network, but cannot make any programming changes.

When creating the network, the
"Mode" can be selected. This cannot be changed later. This determines the operating mode of the CASAMBI chip. You can choose between 3 modes, from high data traffic and low range to low data traffic and high range.

![LIGA AIR CASAMBI logo]
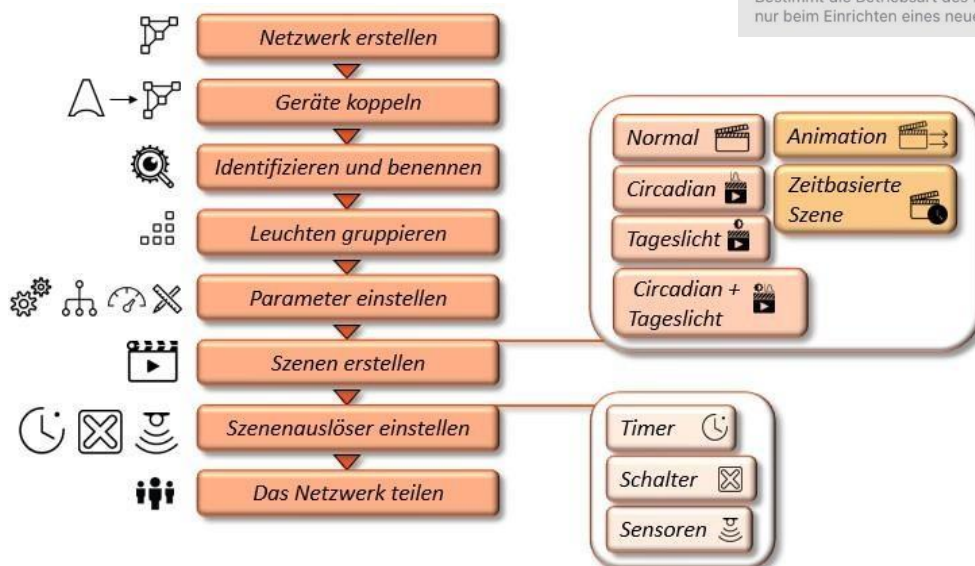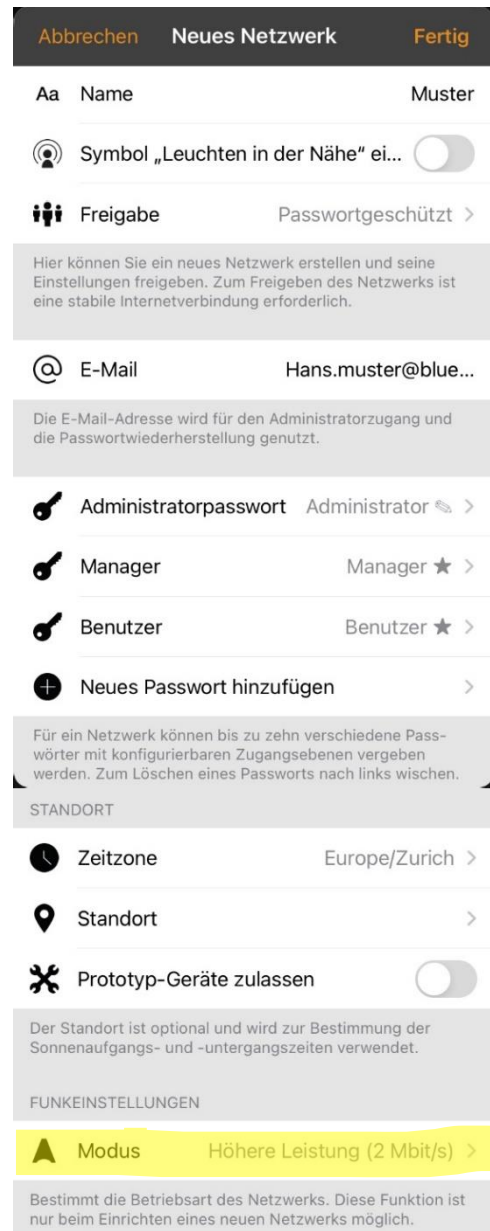
Always create football pitches with a long reach

Modus

< Zurück   **Modus**
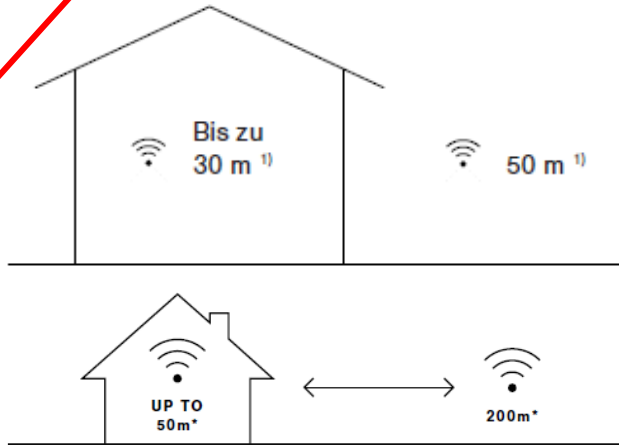
▲ Höhere Leistung (2 Mbit/s)
Optimiert für größere Innenraum-Netzwerke mit erhöhtem Datenverkehr. Im Vergleich zum Netzwerkmodus „Ausgeglichen" ist der Kommunikationsbereich eingeschränkt.

▲ Ausgeglichen (1 Mbit/s)
Optimiert für kleine bis mittlere Innenraum-Netzwerke (max. 125 Knoten empfohlen) mit moderatem Datenverkehr.

▲ Lange Reichweite (0,5 Mbit/s) BETA
Optimiert für kleine bis mittlere Außen-Netzwerke (max. 60 Knoten empfohlen) mit geringem Datenverkehr. Im Vergleich zum Netzwerkmodus „Ausgeglichen" ist der Kommunikationsbereich verbessert. Nur kompatible Geräte.

Bis zu 30 m [1)]   50 m [1)]

UP TO 50m*   ⟷   200m*

✳ Bluetooth   **BT4**   **BT5**

| Modus	Geschwindigkeit	Relative Reichweite Aussen %	Relative Reichweite Innenbereich %	Bechreibung	BT4	BT5
Höhere Leistung	2Mbit/s	70%	85%	Ideal für grössere Netzwerke mit erhöhtem Datenverkehr (Max. 250 Geräte)	●●●●● Entkoppelt Evolution/41.0	■■■■□ Entkoppelt Evolution/41.0
Ausgeglichen	1Mbit/s	100%	100%	Ideal für Netzwerke mit mittlerem Datenverkehr (Max. 125 Geräte)	●●●●● Entkoppelt Evolution/41.0	■■■■□ Entkoppelt Evolution/41.0
Lange Reichweite	0.5Mbit/s	180%	125%	Ideal für Netzwerke mit geringem Datenverkehr (Max. 60 Geräte)	❌	■■■■□ Entkoppelt Evolution/41.0

LR   A   B   C

Non-LR   A   B
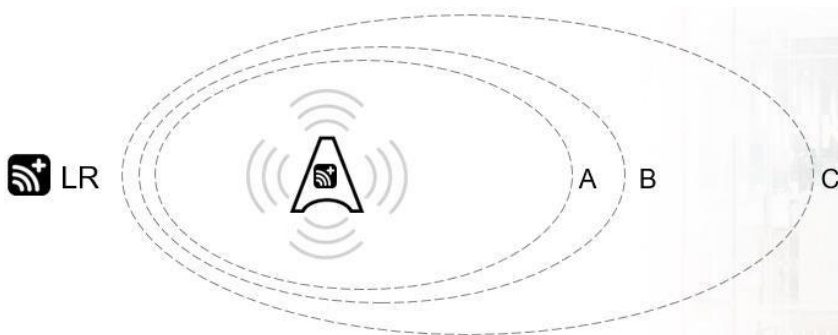
A: Higher performance
B: Balanced
C: Long range

Under **"More" "Nearby devices"**, the profile of a device can be changed if required (e.g. Dali or 1-10V). If the
Once the desired profile has been loaded, the device can be added to the network. The Casambi chips automatically set up a mesh network. All mains-powered devices (12V - 400V) function as active repeaters in the system.

Nutzen in 'Lichtteam LIGAAIR 3.OG'
Gerät identifizieren
Firmware updaten
Profil ändern
Leuchte ignorieren
Classic-firmware benutzen
Show diagnostic

Further information:
https://ligaair.ch/schulungen
https://ligaair.ch/de/Downloads Tutorial videos, operating instructions CASAMBI App
https://support.casambi.com/support/home
https://casambi.com/training/
mail@ligaair.ch

Material Auswirkungen

Beton
Stahl
Ziegelstein
Glas (mit Metall)
Aluminium
Massivholz
Hohlholz
Gipskarton
Glas
Kunststoff

Dicke   Dichte

CASAMBI

Tips:

- Use the latest firmware and app version.
- Only make programming adjustments (Admin) on 1 device at a time.
- Log in the customer's or employee's device to rule out typing errors in the PW. The PW can be reset with the e-mail used.
- En Ocean wireless push-buttons have a limited range of functions. Only use these if there is no 230V available.
- Old smartphones with correspondingly old Bluetooth chips can cause problems with programming and operation.
- A support ticket can be created in the app. Note the e-mail address.
- Motion detectors and timers control the scenes.
- To be able to use motion detectors, **"Control options"** must be **"Use control hierarchy"** must be activated. Then set **"Behaviour of manual control" "without timeout"** one menu item further down. This affects all devices in the network.
- Before leaving the object, create a backup with the name of the technician under **"Network update history"**, **"Configure all luminaires"** **"Start with previous status" "Deactivate smart switch"**
- **"Performance and security",** deactivate **"Allow decoupling"** and **"Allow firmware updates"**. The update should be carried out deliberately during an extension. **"Devices always visible"** can be deactivated for hotels, for example.
- **"Delete network"** deletes the network including cloud data. Use **"Discard network"** after ~~handover~~ to the customer.
- In the event of a power failure, the timer function data is no longer up-to-date. ~~They~~ are updated by opening the app. A cloud gateway or time backup is recommended for public systems (customer does not use an app).
- If lighting is only to be activated at night (e.g. motion detector), the simplest procedure is a **"Time-dependent scene"** Sunset>On, Sunrise>Off.
- Deactivate **"App settings" "Report unpaired devices"** to switch off annoying pop-ups. These settings relate to the smartphone/tablet and not the network.
- Under **"Nearby devices"**, the devices can be sorted according to their distance to make them easier to identify.

  Geräte in der Nähe

- Under **"Switches"**, wall switches can be searched for and programmed using the magnifying glass.

  Schalter

- If a device is red or purple, it has not been correctly read into the network. Move closer to the device, decouple and read in again.
- Update the network if changes have not been synchronised. **"Restart network"** or **"Check for updates"** or **"Memory utilisation"**
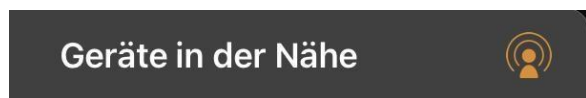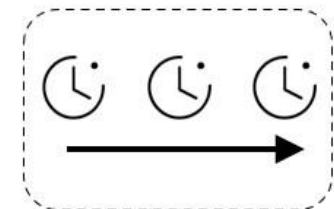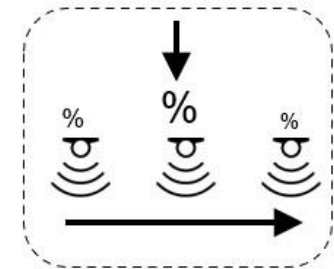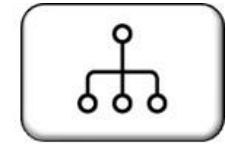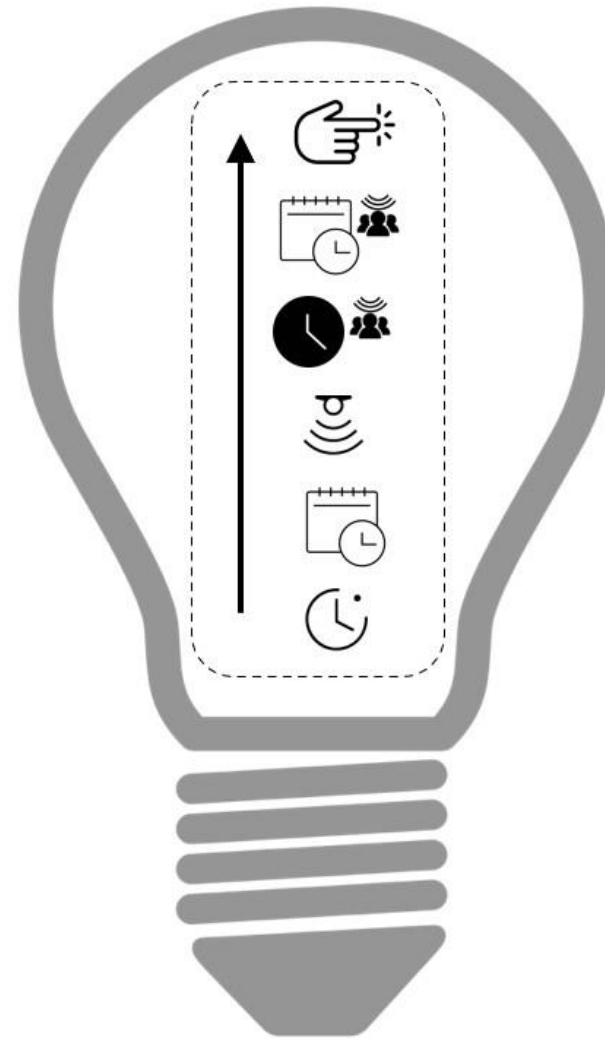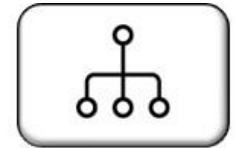
- The Phillips Hue Bridge can be integrated and controlled in the CASAMBI app. CASAMBI works with Bluetooth Mesh and Phillips Hue with Zigbee, so a Phillips Hue light cannot be controlled with a CASAMBI wall switch.
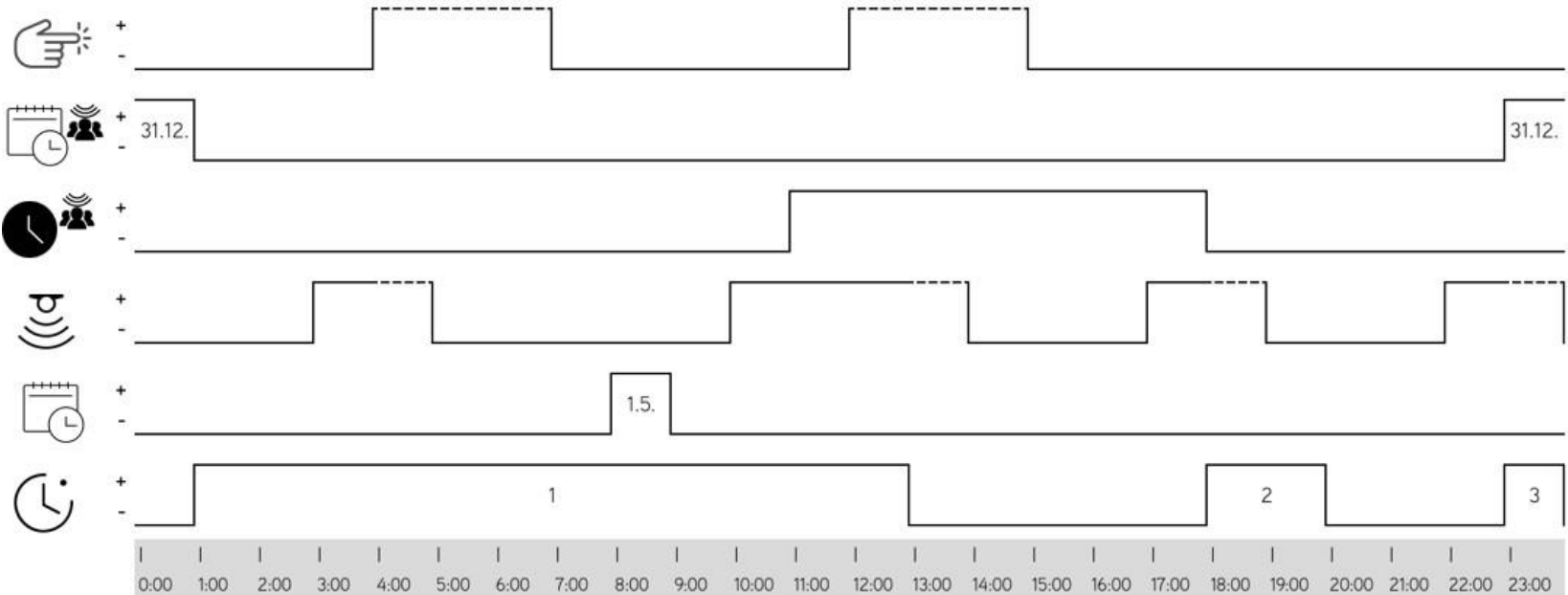
Steuerungshierarchie

- Manuell

- Datums-Timer (Bewegung ignorieren)

- Tages-Timer (Bewegung ignorieren)

- Sensoren

- Datums-Timer

- Tages-Timer

Hierarchie Beispiel