LARA

I AM LARA,
NICE TO MEET YOU

LARA
01.9.2016   12:34
STATION:
BBC
NOW PLAYING:
Coldplay
PLAYING...
MP3
128 iMM

ELKO

All 5 together

Radio   Music   Videophone   Intercom   Audiozone

I am **LARA**,
nice to meet yout

Everyone has all types of switches at home. But, can you imagine that your switch is playing the radio, music and you can communicate with others through it - e.g. with your roommates or visitors at the door?

Yes, it is possible. We were able to implement all these in one device with the size of a switch. Along with the speakers in the same design (for mounting into an installation box), you can get very fast, nice and cheap sound not only in your bathroom or kitchen, where the installation of an audio HiFi system would otherwise take a lot of wires and space, but this small device can even handle a 20 W speaker.

I am able to do:

Radio
Listen to your favorite radio station anywhere in the perfect sound.

Music
You can play your favourite songs from your Smartphone, MP3, NAS server.

Videophone
In a combination with IP door communicator you can still keep track of who is standing outside the front door of your home.

Intercom
Communicate with all your family members in the household and there's no need to chase anyone anymore.

Audiozone
Control your Multimedia in your house.

LARA Radio

Enjoy perfect sound without the noise!

LARA Radio is inextricably linked to the music and provides perfect listening experience.
- LARA is an Internet radio and music player equipped with a high-resolution color OLED display.
- We have registered 40 favorite Czech radios stations as presets stations, but you can easily change it using configurator.
- LARA plays the music stored in the NASA storage or in the external source (phone, MP3 player) connected through cable on the front panel of device.
- Inbuilt amplifier 10W allows direct connection of speakers (in the same LOGUS90 design) or allows connection of external in-wall or ceiling speakers.
- Thanks to automatically obtaining an IP address from a DHCP - there is no need to set up the LARA network again (in case you do not set a static IP address).

Control:

Capacitive-touch buttons directly on LARA
IR remote controller which is included in the package
Via your Smartphone and a LARA NAS App
Directly from PC - SW LARA configurator

(i) LEGEND:

- **LARA-NAS application** - application for controlling the music via a Smartphone
- **Network cable** - LAN cable for connection LARA PoE adapter
- **LAN (Local Area Ethernet, computer network)** - computer cables (UTP) distributed throughout the building and connected to the switch. It connects computers and other IP devices together that are connected to the network.
- **PoE (Power Over Ethernet, power supply through a network cable)** - enables to supply terminal devices via the LAN cable. Through adapter (6191) connected to LAN cable or through switch which has an inbuilt PoE (6605).
- **Switch, router** - a box which connects LAN cables together and provides communication between devices which are connected to the router; router allows you to share wireless Internet to LAN network
- **IP (Internet Protocol)** - it is a device protocol operating in LAN networks; each device has its own unique IP address (e.g. 192.168.1.1)
- **WiFi (Wireless Fidelity)** - wireless computer network (WLAN)
- **WiFi bridge -** converter that allows you to convert wire LAN connection to WiFI (5210)

LARA Intercom

Your smart house keeper can control your multimedia in your house.

Thanks to videophone function, now it is possible to have a voice communication between Lara and the sound of the door (IP Intercom), so with someone visiting and standing in front of the house, we can see that on LARA display as part of this function which increases the security feeling and safety besides of course, the comfort for the user.
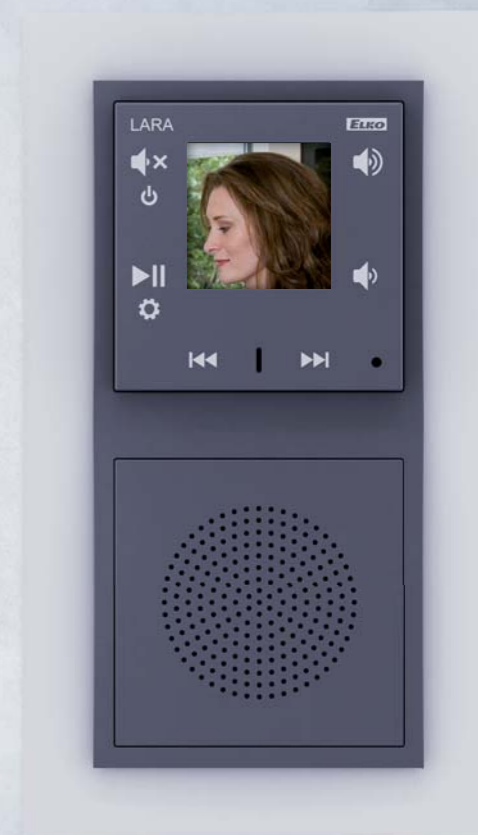
LARA Intercom is equipped with an OLED colored display with the size of 1.5", which is used to transfer images and sounds from the door camera properly. The display also shows basic information about playing music, which also serves the orientation in the menu settings, etc. The intercom function can also be used for communications between all the family members throughout the whole house, thanks to two way voice communications possibilities between differnt Lara units.

LARA intercom can also play music and stream the radio, which can be saved up to 40 channels. You can pick any radio station from all over the world which is providing the data for a proper connection.

LARA intercom can also play the contents of external music source, which may be an iPhone, smart phone or eg. MP3 player. These devices are connected to the audio input 3.5mm stereo jack, which is located below the front panel
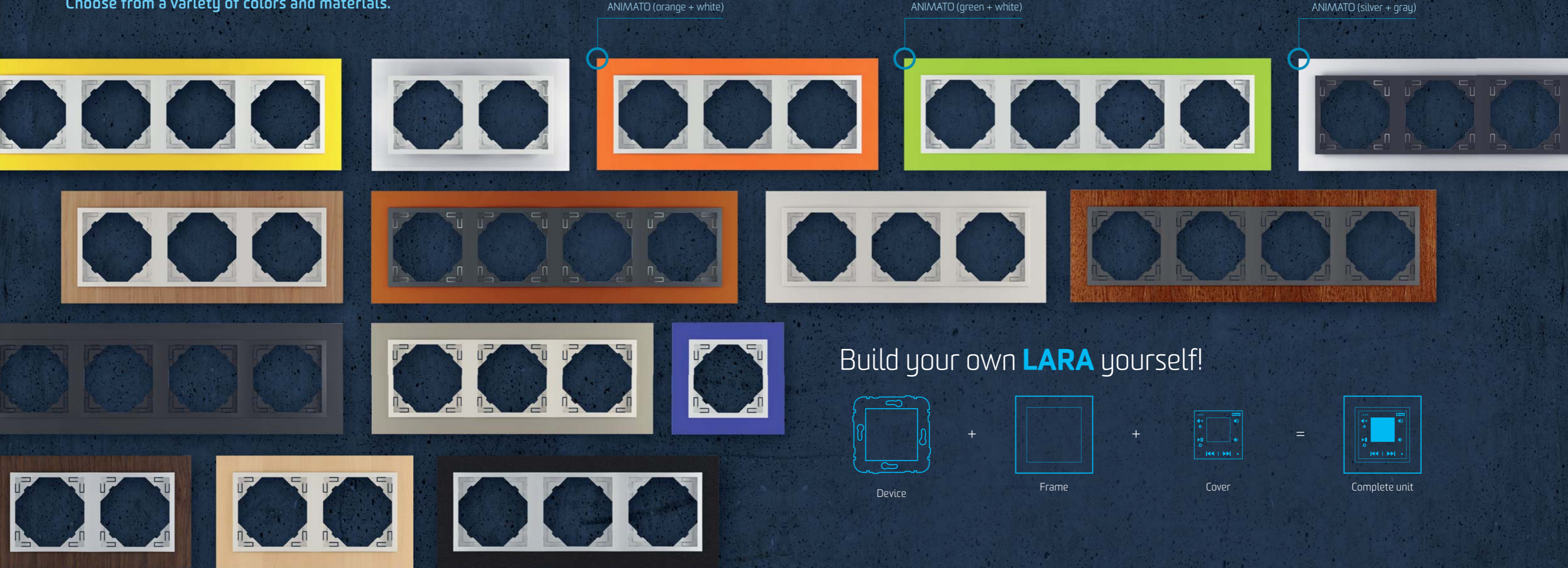
LARA intercom can also play audio files from a central data repository, where Logitech Media Server is installed. You can also use LARA function can LARY within the complex iNELS iNELS or as a fully independent home automation device. When it's used within iNELS systém, then its being controlled by iHC applications, however, when you're using it as NAS, then LARA NAS App is available.

LARA Radio has an integrated amplifier with an output of 2 x 10 W, which greatly simplifies the installation in areas where that power is sufficient. LARA can be used for example in the kitchen sound system, bathrooms, waiting rooms, offices, reception areas, lobbies, operating rooms and wellness areas.

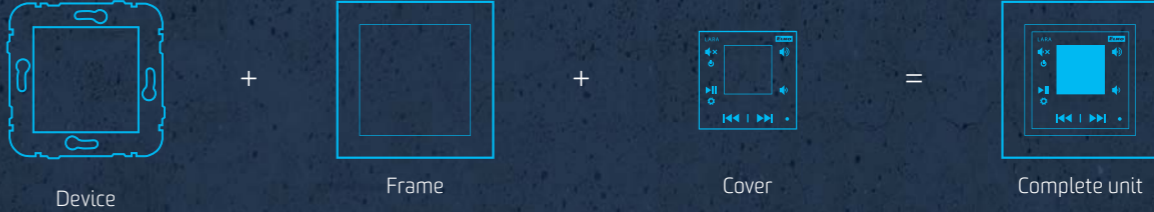# Make your interior design stand out - use **LARA**

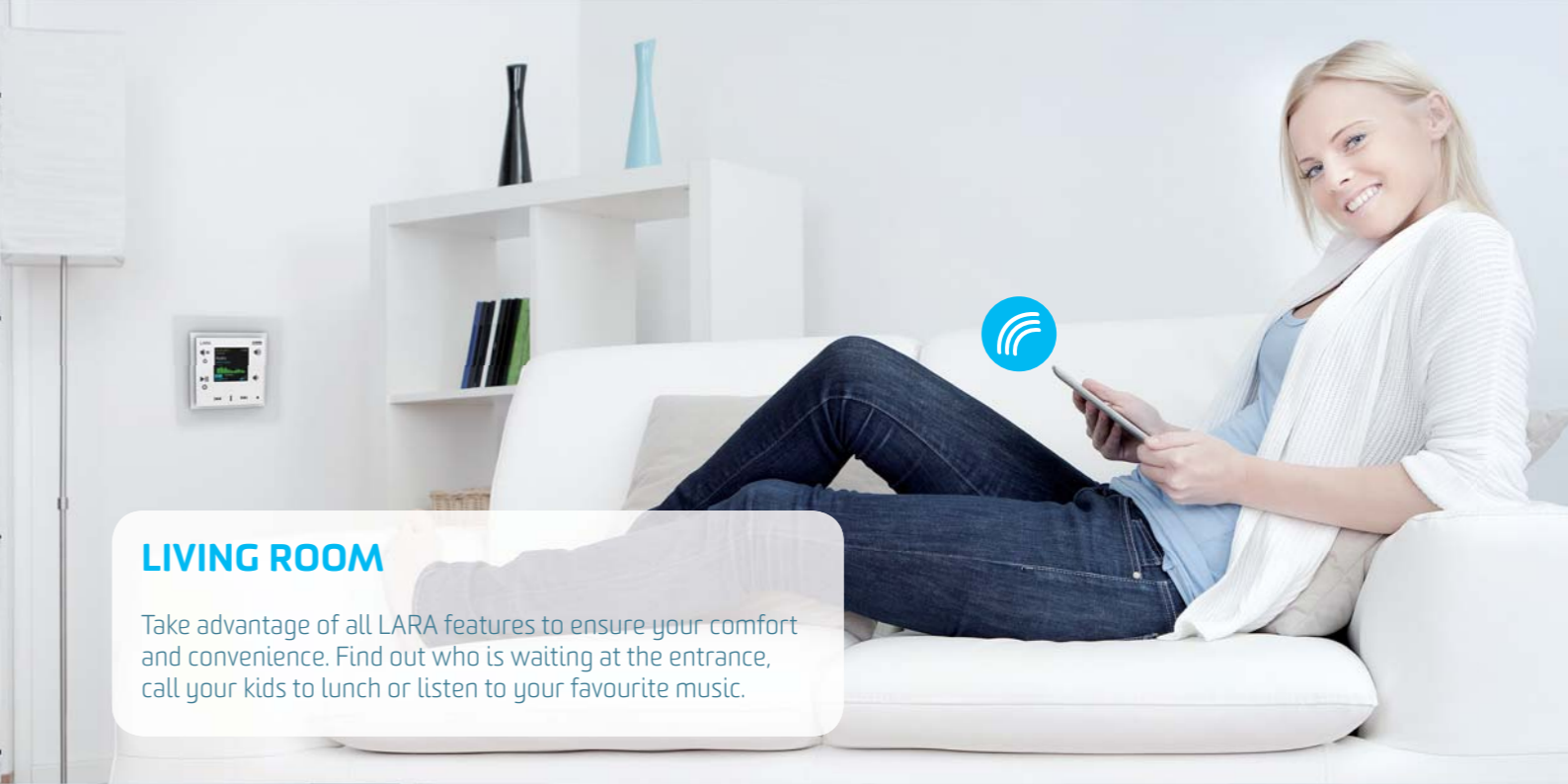Choose from a variety of colors and materials.

ANIMATO (orange + white)

ANIMATO (green + white)

ANIMATO (silver + gray)

Build your own **LARA** yourself!

Device   +   Frame   +   Cover   =   Complete unit

INTERIOR

LARA is the perfect piece for your interior, which is also functional and makes your life easier.

LIVING ROOM

Take advantage of all LARA features to ensure your comfort and convenience. Find out who is waiting at the entrance, call your kids to lunch or listen to your favourite music.

BATHROOM

Radio in your bathroom can create a pleasant and supportive atmosphere e.g. while taking a bath.

KITCHEN

Radio connected to a LAN or wireless network allows you to listen to the Internet radio.

But wait - that's not all! You can connect your LARA to your Smartphone, tabler, MP3, NAS Server.
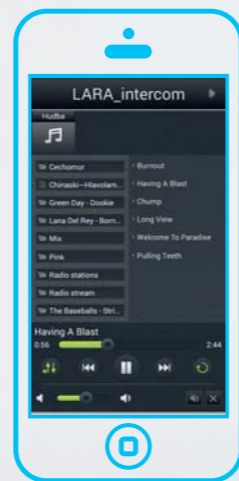
Control options

LARA & music in the switch

Touch control:

You can control your LARA by capacitive touch-buttons

IR Remote controller:

You can control from the comfort of your couch in the living room and turn on your favourite music, switch a track and much more.

Smartphone

Apps for Smartphone provides unlimited possibilities for control.

Google play

KIT FOR CONROLLING MUSIC,
WHICH PERFECTLY FITS IN YOUR HOME´S INTERIOR.

LARA is a music and internet radio player. We have registered 40 favorite Czech radios stations as presets stations, but you can easily change it using configurator. LARA plays the music stored in the NASA storage or in the external source (phone, MP3 player) connected through cable on the front panel of device. Inbuilt amplifier allows direct connection of speakers (in the same LOGUS 90 design) or allows connection of external in-wall or ceiling speakers.

Content kit:

LARA Radio
Speaker to the installation box
Cover speaker - white
3 - frame, BASE - white
LARA Remote controller

LARA PoE adapter
Network cable 0,2m - white
Network cable 1m - white
AUX cable LARA

Kit for wire connection
Everything perfectly hidden in the wall!

LARA

LARA

PSB-10-24
- power supply

PoE injector

AUX cable LARA

KU - installation box

Internet - LAN cabel

Power supply 230V
- cable in wall

Kit for wirelles connection
You do not have a LAN cable?

LARA speaker

LARA

PoE injector

PSB-10-24
- power supply

AUX cable LARA

KU - installation box

Internet - LAN cable

Power supply 230V
- cable in wall

INFORMATION:
The power set is designed for installation in new and existing homes (apartments). It requires two places where it's possible to bring a LAN cable to the installation box , or where the cable is already feed. The power supply is located in the installation box and for its connection the basic cable is only necessary. The set includes power supply and PoE injector, which connects the LAN cable with LARA unit. The PoE injector is designed for mounting into installation box.

INFORMATION:
The power set is designed for installation in new and existing homes (apartments). It requires two places where it's possible to bring a LAN cable to the installation box , or where the cable is already feed, meanwhile, the installation box lacks any some power supply. The kit includes an adapter that should be plugged into the socket) and PoE injector which connects (LAN cable) with LARA. The PoE injector is designed for mounting into installation box.
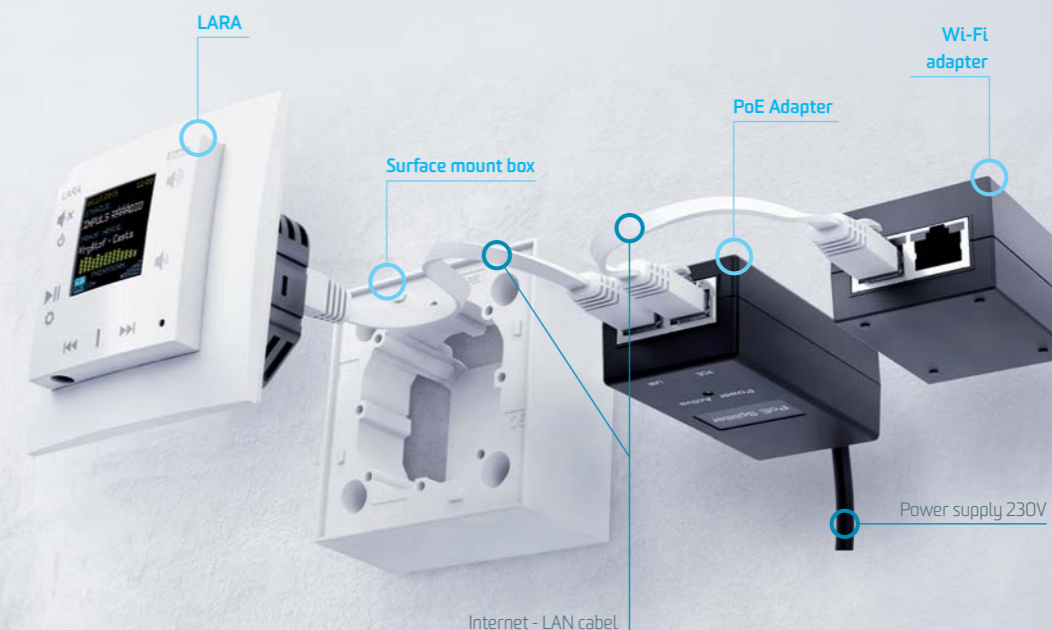
Kit for wire connection
AC power adapter

LARA speaker

LARA

PSB-10-24
- power supply

AUX cable LARA

Power supply 230V

KU - installation box

Internet - LAN cable

INFORMATION:
The power set is designed for installation in existing buildings or apartments. It is used everywhere where it is not possible to apply construction work or in other way we can basically connect LARA to the internet LAN cable. The kit includes a power supply (which connect directly to the power cable) and an AirGateway for LARA wireless connection to the Internet. Installation is designed for standard profound installation box, also the set occupies two places in the installation box (beside LARA and the speakers).

Kit for wirelles connection
You can not cut into the walls?

LARA

Wi-Fi adapter

PoE Adapter

Surface mount box

Power supply 230V

Internet - LAN cabel
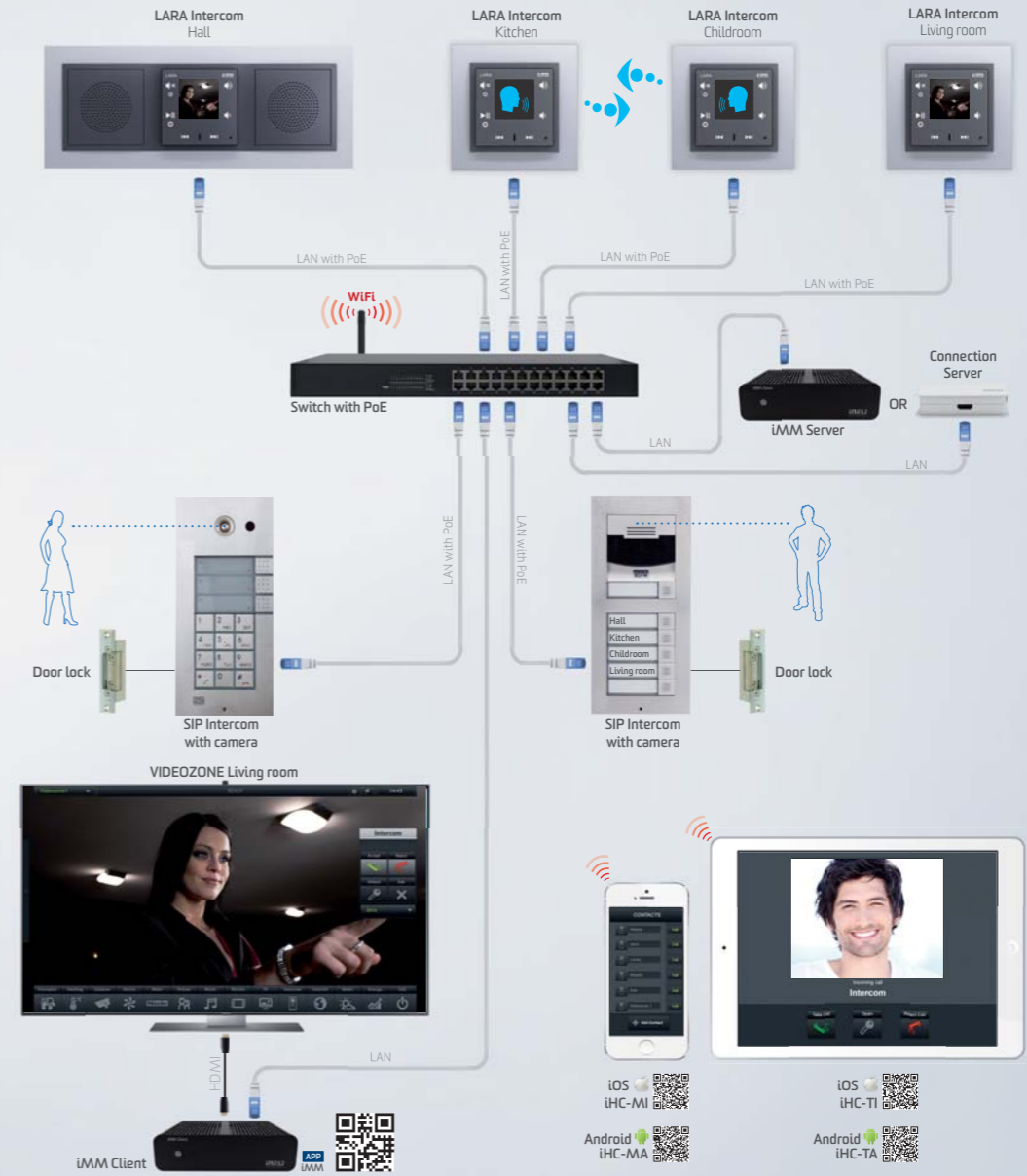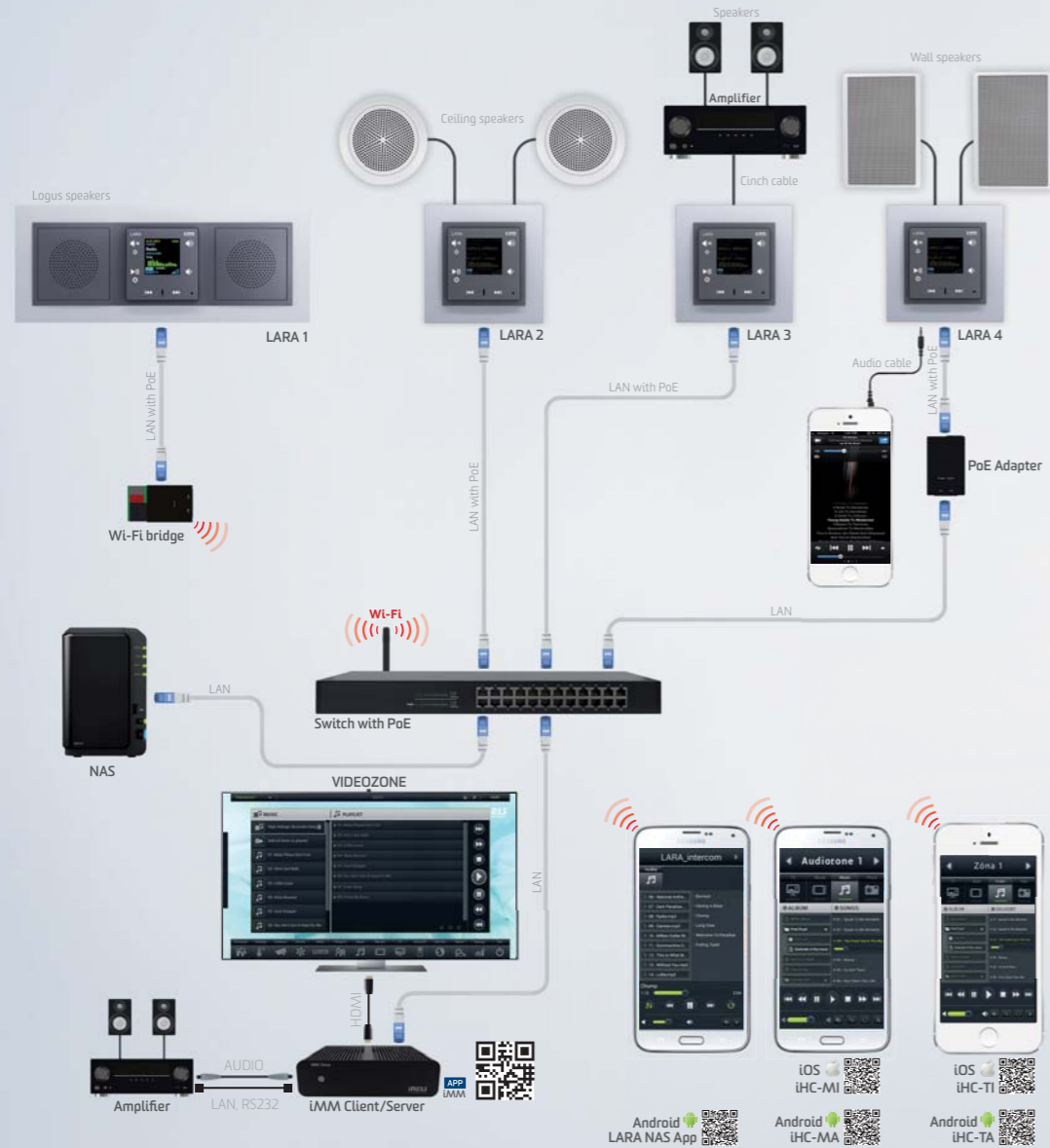
INFORMATION:
The power set is designed for installation in new as well as existing homes or apartments. It is used in everywhere where it is not possible to perform a construction work, or in any other way we can connect LARA to the internet LAN cable. The kit includes a power supply that should be plugged into the socket and an AirGateway for LARA wireless connection to the Internet.

LARA Wiring diagram

Speakers

Ceiling speakers

Amplifier

Wall speakers

Cinch cable

Logus speakers

LARA 1

LARA 2

LARA 3

LARA 4

Audio cable

LAN with PoE

PoE Adapter

LAN with PoE

LAN with PoE

LAN with PoE

Wi-Fi bridge

LAN

Wi-Fi

Switch with PoE

NAS

LAN

VIDEOZONE

LARA_intercom

Audiozone 1

Zóna 1

HDMI

LAN

iOS
iHC-MI

iOS
iHC-TI

Amplifier

AUDIO

LAN, RS232

iMM Client/Server

APP
iMM

Android
LARA NAS App

Android
iHC-MA

Android
iHC-TA

LARA Intercom
Hall

LARA Intercom
Kitchen

LARA Intercom
Childroom

LARA Intercom
Living room

LAN with PoE

LAN with PoE

LAN with PoE

LAN with PoE

WiFi

Switch with PoE

Connection
Server

OR

iMM Server

LAN

LAN

LAN with PoE

LAN with PoE

Door lock

SIP Intercom
with camera

Hall
Kitchen
Childroom
Living room

Door lock

SIP Intercom
with camera

VIDEOZONE Living room

Intercom

LAN

HDMI

iMM Client

APP
iMM

iOS
iHC-MI

iOS
iHC-TI

Android
iHC-MA

Android
iHC-TA

Accessories

SPEAKERS AND CABLES

AUX CABLE LARA (LARA CINCH CABLE)
Used to connect LARA with exter. amplifier. Reduction 4pin from LARA LINE OUT to 2x CINCH plug into amplifier, length 2x20 cm. Used to connect LARA with external amplifier. Reduction 4pin from LARA LINE OUT to 2x CINCH plug into amplifier.
5208

POWER SUPPLY (PSB-10-24)
Switching stabilized power supplies with fixed output voltage, intended for mounting into an installation box (e.g. KU-68). PSB-10-24 - stabilized power supply 24V/10 W.
4378

AUX CABLE LARA (LARA AUDIO CABLE)
Used to connect LARA with external music source (smartphone, mp3 player). Length 20cm terminated with 2x stereo jack 3.5mm.
6704

CEILING SPEAKER
Speaker is suitable for the installation in suspended ceilings and hollow walls. Mounting hole diameter 143 mm, Power 15W, 32Ω speaker impedance.
75023 CMF

SURFACE SPEAKER
Two-way speaker intended for mounting in a ceiling or on the walls: Power 15W, 32 Ω speaker impedance, dimensions 270x183x37 mm. Color: White
75106 CBR

NAS EXTERNAL STORAGE
Two-chamber NAS server with the function of hosting, sharing and data security.
7212

NETWORK CABLE, 0.2 M
Flat white LAN cable CAT5, length 20 cm, terminated with 2x RJ45 plugs.
6702

NETWORK CABLE, 1 M
Flat white LAN cable CAT5, length 1 m, terminated with 2x RJ45 plugs.
6700

INSTALLATION MATERIAL

1-FRAME	90910 TBR
2-FRAME	90920 TBR
3-FRAME	90930 TBR
4-FRAME	90940 TBR
5-FRAME	90950 TBR
SURFACE MOUNT BOX	10976 ABR
INSTALLATION BOX 1-GANG (KP 67/2)	6705
INSTALLATION BOX 2-GANG (KP 64/2)	6706
INSTALLATION BOX 3-GANG (KP 64/3)	6707
INSTALLATION BOX 4-GANG (KP 64/4)	6708
INSTALLATION BOX 5-GANG (KP 64/5)	6709
INSTALLATION BOX 1-GANG (KP 64/LD)	6710
INSTALLATION BOX 2-GANG (KP 64/2L)	6711
INSTALLATION BOX 3-GANG (KP 64/3L)	6712
INSTALLATION BOX 4-GANG (KP 64/4L)	6713
INSTALLATION BOX 5-GANG (KP 64/5L)	6714
UNIVERSAL BOX 1068-02	6716
UNIVERSAL BOX KUH 1/L NA	6717

Accessories

POWER SUPPLY AND NETWORK

WIFI BRIDGE
Used for LARA wireless connection via WiFi network.
5210

POE SWITCH
Provides LAN connectivity and PoE power supply for up to 5 x LARA. Max. distance between LARA and switch is 10 m at the power supply 12 V, and approximately 20 m at the power supply 24 V. Power supply AC 230 V.
6605

POWER SUPPLY POE + WIFI INTO A BOX
WiFi bridge with PoE and power supply into an installation box. Power supply 230V.
5224

POWER SUPPLY POE INTO AN BOX
PoE injector with power supply intended for an installation box. Power supply 230V.
5226

POE SUPPLY
Power injector with plug-in adapter 230V.
5225

POWER SUPPLY POE + WIFI
WiFi bridge with PoE plug in adapter 230 V.
5227

www.inels.com/lara

TECHNICAL SUPPORT:
800 100 671

info@inels.com

Complex solution of electro-installation for your house provided by