

Prepared by:	Product Code:
Prepared by:	Date:

HEAD END NODE
LLP-PLC-HEAD-END-CA-13



The Head End is installed in the electrical panel containing the circuits for the fixtures to be controlled. The Head End is responsible for managing each of the fixtures and sensors. It saves the configuration and time schedule of all fixtures, manages the network, and verifies the system is working properly.

SPECIFICATIONS

Name	Head End Node CA-13
Product Code	LLP-PLC-Head-End-CA-13
Metering Linux	PLC+RJ45+3G+Power Metring
Input Voltage	100 - 277VAC
Frequency	50 ~ 60 Hz
Power Factor	> 0.80
Maximum Power	15W
Max output voltage	4.5 VRMS
Max output current	70mA
Operating Temp	-40°C - +60°C
Dimensions	12 X 4.5 X 1 inch
IP	IP65

Broadband Power Line Communication

- Real Time Performance
- Secure Transmission
- Outperforming Modulation Technology (OFDM)
- PnP Installation and Configuration (Plug and Play)
- Standard Base IP Communication
- Scalability to add Nodes and new Applications
- Self-Healing Network
- High Speed Transmission (up to 50 Mbps)
- And all this at Low Cost

Integrating

- Optimal path selection protocol: a technology that finds the best route in terms of attenuation and number of hops to connect a Node to the Head End.
- Adaptive load balancing: a technology that optimizes channel allocation to maximize the throughput in a network with many Nodes.
- Remote firmware upgrade: capable of installing a new Node or application software from a centralized control center.

Installations, cautions and warnings

- This device doesn't have replaceable or interchangeable elements, so it mustn't be manipulated.
- If the device is installed or used in a manner not specified by the accompanying documents, the safety of the device may be impaired.
- Do not install around combustible gas or gas vapor.
- Do not install in an electrical service with current or voltage outside of the specified limit of the device
- Do not operate this device with the cover removed.
- Beware of working around this device when the voltage is live. There is a risk of electric shock
- See instructions for connection diagrams

