



The AUD002 external-mounted Luminaire Controller by CMD Ltd is an AC-powered, wireless lighting control device that is part of the Audacy® Wireless Controls system. Operating in the highly reliable 915 MHz spectrum, the AUD002 is a module that can turn on, turn off or provide a 0-10V dimming signal to an electronic dimming ballast or LED driver. AUD002 quickly and easily installs using a knock-out on a junction box or fixture and provides the ability to control individual fixtures or groups of fixtures if desired.



SPECIFICATIONS

ITEM	DESCRIPTION
Radio Frequency Range	915.9 - 917.3 MHz, Integrated Wire Antenna
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Regulatory Approvals	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1*; EN 55015:2013+A1:2015, EN 61547:2009 and ETSI EN 301 489-3 v2.1.0* (ETSI EN 301 489-1 v2.1.1) - (See Annex A for further details)
Rated RF Power Output (W)	18 dBm short duration, utilising both frequency hopping and direct sequence spread spectrum
Transmit Range	91.4m indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled
Dimming Protocol	0-10V (linear dimming profile, meets IEC60929 Annex E)
Input Voltage	240V AC
Rated Current	6A
Rated Load Wattage	1440W
Operating Temperature	10°C to 70°C
Installation Environment	Indoor use only
Mounting	Directly to junction box or fixture via 12.7mm knockout
Dimming Wire Placement	Within nipple for internal connection (linear dimming profile)
Colour	Black
Dimensions	69.6mm x 61.5mm x 106.7mm, antenna fully extended
Weight	130.4g
Warranty	5 year
LVD Compliance	BS EN 60669-2-1
EMC Compliance	BS EN 55015, BS EN 61547 & ETSI EN 301 489-3 V2.1.0 (ETSI EN 301 489-1 V2.1.1)
Radio Compliance	ETSI EN 300 220-2 v3.1.1* and ETSI EN 300 220-1 v3.1.1

Code	AUD002
Description	Luminaire Controller, External-Mount

AUDACY®



LUMINAIRE CONTROLLER, EXTERNAL-MOUNT AUD002

MECHANICAL DIMENSIONS (MM)

