




SMART-HEAT LINK
NEW PRODUCT LAUNCH



JUL 2021

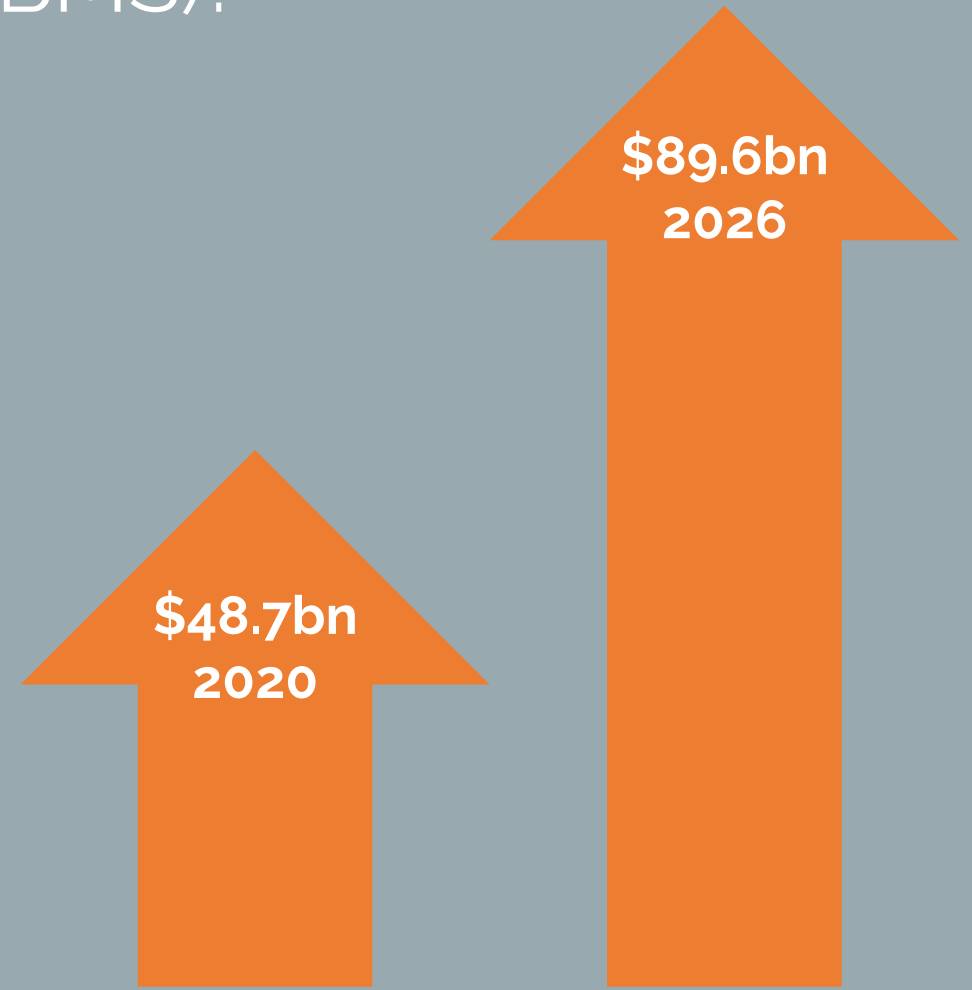
BACKGROUND...



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- Previously, heaters could only be controlled with remotes (paired to ON/OFF or Dimmer Controller)
 - Now, there is a new addition to Bromic's Heater Controllers range to allow for Bromic Heater Controllers (and therefore heaters) to be controlled with Home Automation Systems (RS232 COM port required)

What are Home Automation Systems (HAS) and Building Management Systems (BMS)?

Home automation systems (HAS) and Building Management Systems (BMS) are devices that can regulate and monitor a range of appliances such as lights, climate, alarms and entertainment systems from a central point within the building.



Application

Operate your heaters using your home automation device or Building management System (BMS)

Benefits:

- Central control
- Automation can be programmed by BMS system

Typical Home Automation systems

- Crestron
- Lutron
- Control4
- Nomad
- Somfy

BMS must have RS232 connectivity

MUST BE INSTALLED BY AN INTEGRATOR
(PROFESSIONAL)



HOME AUTOMATION SYSTEM
(with RS232 capability)



What is RS-232?

RS-232 or Recommended Standard 232 is a serial communications standard from 1960.

For compatibility with RS-232, the HAS/BMS **REQUIRES** a RS-232 COM port

HAS/BMS must have RS232 connectivity

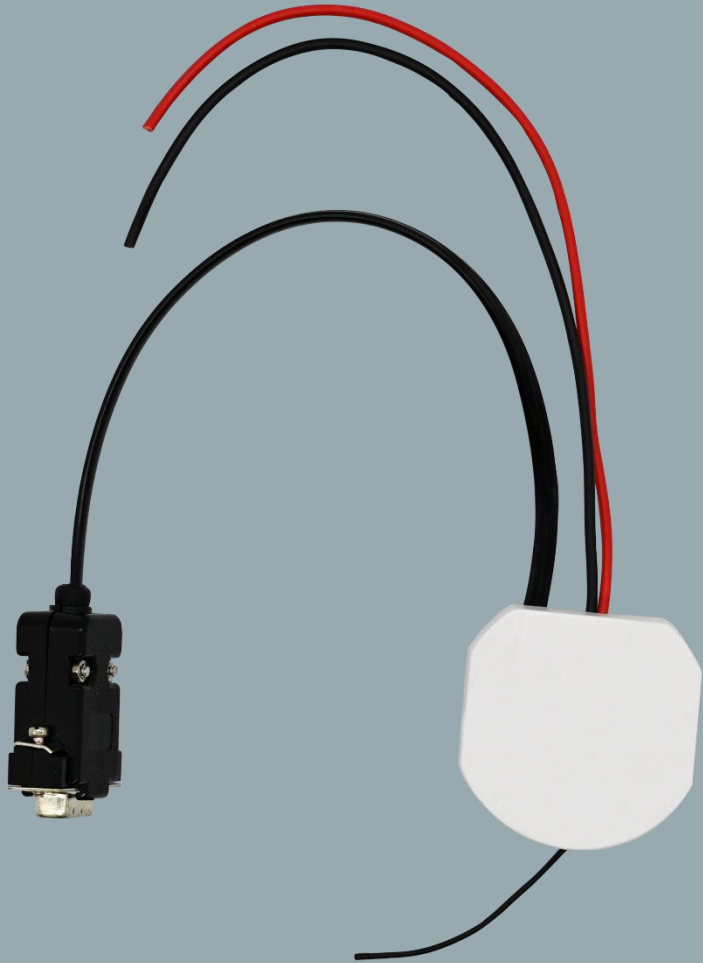
THE CUSTOMER MUST UNDERSTAND THIS STATEMENT AND SPEAK WITH THEIR INTEGRATOR FOR ASSURANCE.



THE PRODUCT...



Features – Key Messaging



The **Bromic Smart-Heat™ Link** creates a seamless communication between Bromic outdoor heaters and smart home controls technology. Compatible with the leading home automation or building management systems on the market, the new Bromic Smart-Heat Link lets users control their outdoor heaters from the convenience of their home automation panel.*

- **INTEGRATE:** Integrate Bromic's heating control options with your home automation system.
- **CONTROL:** Control Bromic's outdoor heaters from your home automation control panel.
- **SCHEDULE:** Schedule your heaters so that they switch on and off at a specific time.

Compatible with:

- Lutron™
- Crestron™
- Control4™
- Nomad™

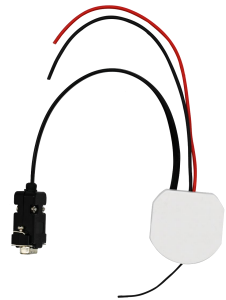
Any system with a RS232 connection!

*requires RS232 connection

Features

- Wireless communication = 30m (100 ft) range = same as remote control
 - > Obstructions of walls/ceilings/floors will reduce range
- Acts as a gateway to control Bromic Heaters using Home Automation
 - > One way communication (I.e. no feedback communication possible.)
- Compatible with RS232 Home Automation Systems
 - > Requires RS232 COM port connectivity on HAS or BMS
- Up to 1799 controllers can be operated with one Bromic Smart-Heat Link (within range)
- Compatible with Bromic Dimmer, On/Off and Eclipse Controller.

System Components



DB9 Cable



5V DC Power Adapter



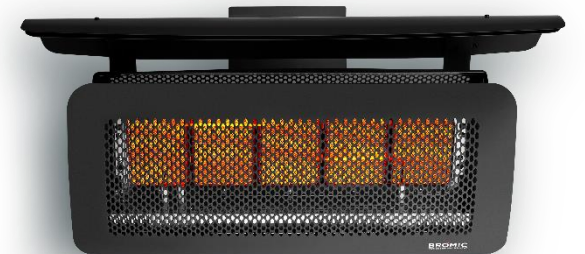
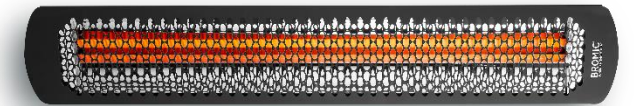
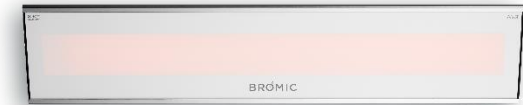
HOME AUTOMATION SYSTEM
(with RS232 capability)



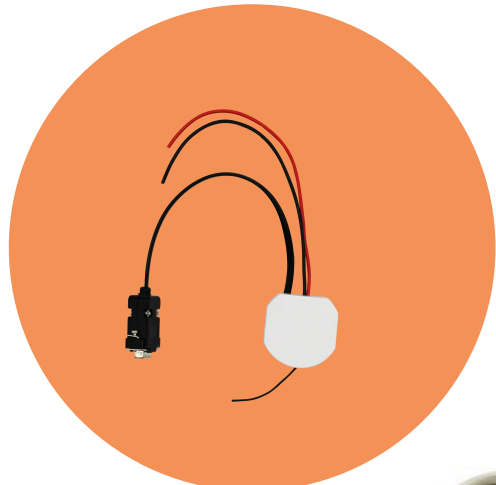
Bromic Dimmer Control



Bromic ON/OFF Control



Supplied by Bromic



DB9 Cable



5V DC Power Adapter



HOME AUTOMATION SYSTEM
(with RS232 capability)



Bromic Dimmer Control

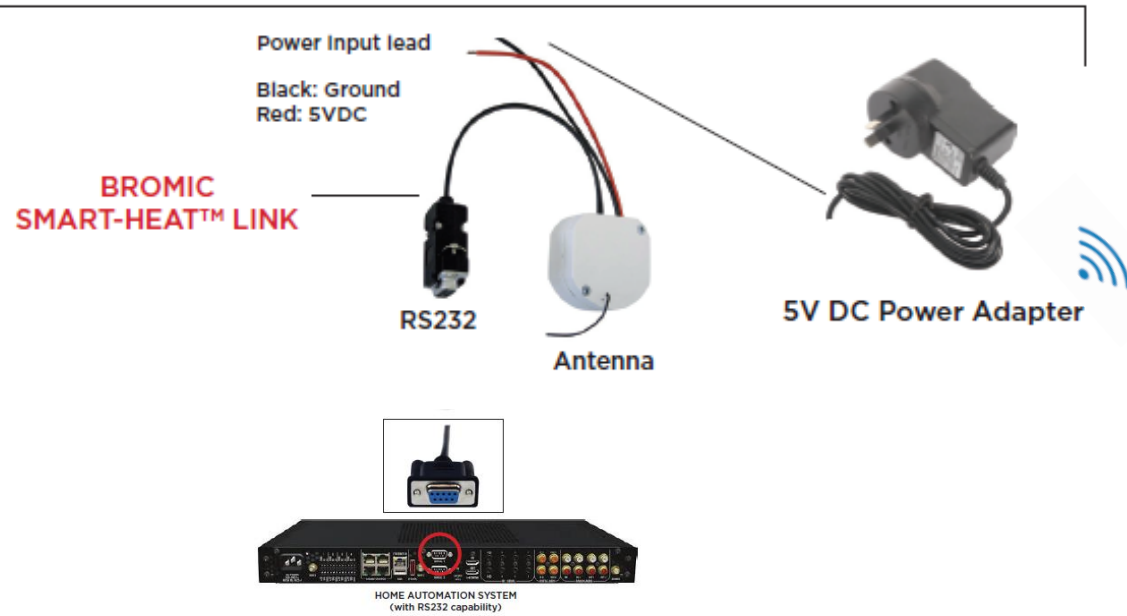


Bromic ON/OFF Control



How does it work?

TO BE INSTALLED BY HOME INTEGRATOR



TO BE INSTALLED BY ELECTRICIAN



Specifications & Pricing – Smart-Heat Link

TECHNICAL SPECIFICATION

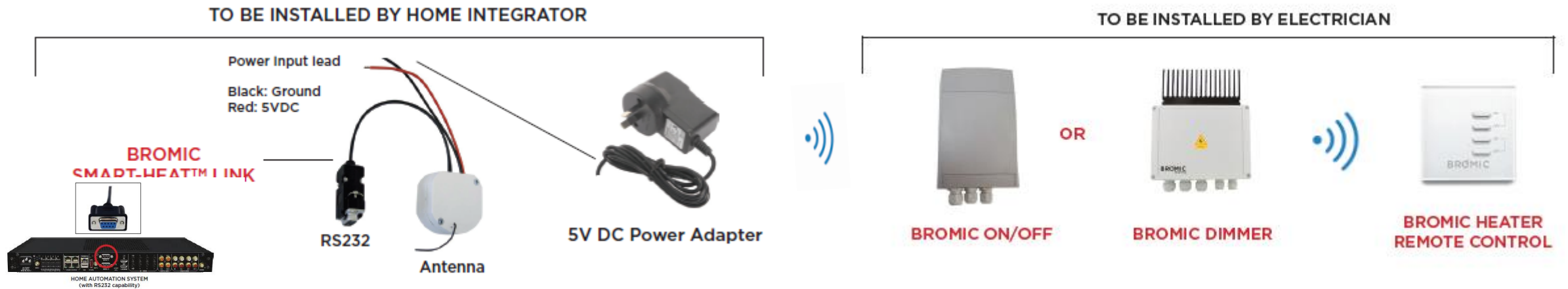
Model	Bromic Smart-Heat™ Link
Part no.	For AU P/N: 2620279 For US/CA P/N: BH3130097 For EU P/N: BH3130098
Power Supply	+5VDC
Carrier frequency	US/CA/AU 916 MHz, EU 868 MHz
Transmission Range to Controller	30m or 100 feet
Working temperature	-10°C to +55°C (14°F to 131°F)

Condition of Sales

- Ensure purchaser understands this device requires RS232 connection to HAS/BMS and specific programming of device (it is not plug and play)
- Explain to the purchaser the need to have a professional installer (BMS or HAS integrator) that can program in HEXIDECIMAL. (Note Electrical contractors may not have this know-how.)
- Site installation – check the proposed location of the install – limitation of wireless distance from heater controller(s)
 - Note scenario: Heaters are at rear patio and HAS unit maybe indoors in basement or cabinet at front room
- **Technical support** will be offered via Bromic Technical Support after confirmation of the following:
 - Confirmation that the owner's integrator has the know-how and experience with HAS/BMS and RS232 integration
 - Subject to purchaser/installer receiving and reviewing **Installation manual** AND **Bromic Smart-Heat Link Protocol Tool**
 - Confirmation from the end user that the controller/remote function is OK prior to integration.

Installation Sequence

1. Bronic components received:
 1. Heater/s
 2. Controller/s
 3. Smart Heat Link
2. Qualified technicians connect Heaters and Controllers, correct operation is confirmed
3. HAS/BMS integrator (electricians will not typically have this skillset) detects remote commands and programs these into the HAS/BMS system, operation is confirmed. This is completed using the Bronic Smart-Heat Link and additional hardware (i.e. laptop).
4. The remote control as supplied with the Bronic controllers will continue to work, however is not needed as the HAS/BMS combined with the Smart-Heat Link now performs this function



INSIDE CARTON



Carton



Controller



Instruction Manual

What home automation systems are compatible with Bromic outdoor heaters?

Bromic outdoor heaters can be linked to any home automation device that offers a RS232 communication connection. Many home automation systems will offer a RS232 port either as standard or as a retrofit option.

What do I need to connect my Bromic outdoor heater to my home automation system?

You choose how you wish to control your heater. Any combination and number of Bromic On/Off and/or Dimmer controls together with one Bromic Smart-Heat™ Link*.

How does it work?

The Bromic Smart-Heat™ Link receives commands from the Home Automation System and then repeats these commands via wireless communication to the Bromic Smart Heat™ Controllers.

How is the Bromic Smart-Heat™ Link installed?

The Bromic Smart-Heat™ Link connects to the Home Automation system via a DB9 cable. PLEASE NOTE: The Bromic Smart-Heat™ Link does not come pre-paired with any particular control device. Please contact a professional installer or licensed electrician to help you integrate the device with your home automation system. Please refer to our installation notes (separate document).

*Each Smart-Heat Link can communicate with 1799 controllers within a 100 ft range