

# MC1 Halogen Heater Control Box

An MC1 control box provides variable output control for a group of BN Thermic's HN2 halogen heaters from a single point. This approach allows the intensity of heat to be adjusted by means of a simple wall-mounted switch enhancing comfort and improving economy.

Each system must incorporate one primary control box and a wall-mounted switch (either CS-2 or CS-3 depending on the heaters being controlled). For larger installations additional secondary control boxes (MC1-S) will be required.

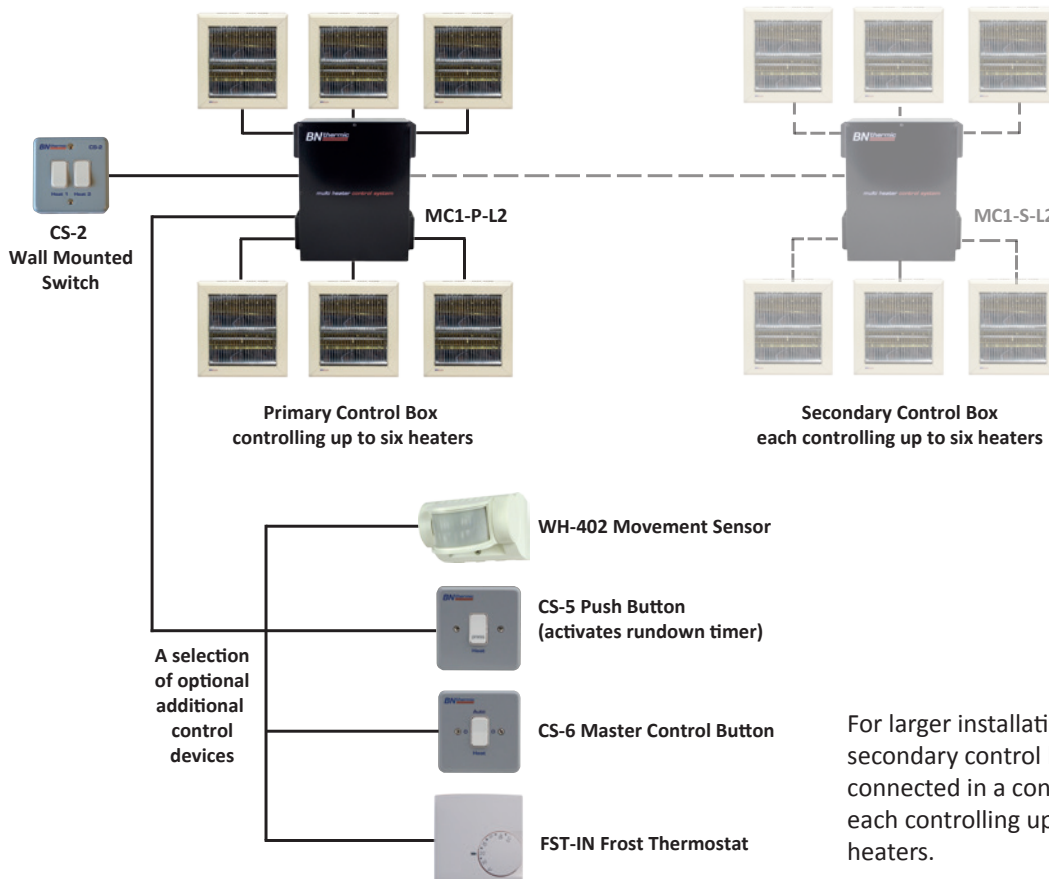


Control Box Range			
Model	Primary/Secondary	Halogen Heaters Controlled	Max No. Heaters
MC1-P-L2	Primary	2 lamp	6
MC1-S-L2	Secondary	2 lamp	6
MC1-P	Primary	3 lamp	4
MC1-S	Secondary	3 lamp	4

Switch Range		
Model	Suitable for	Details
CS-2	MC1-P-L2	Page 75
CS-3	MC1-P	Page 75

## Controlling HN2-3000G (3kW) Heaters each with 2 lamps

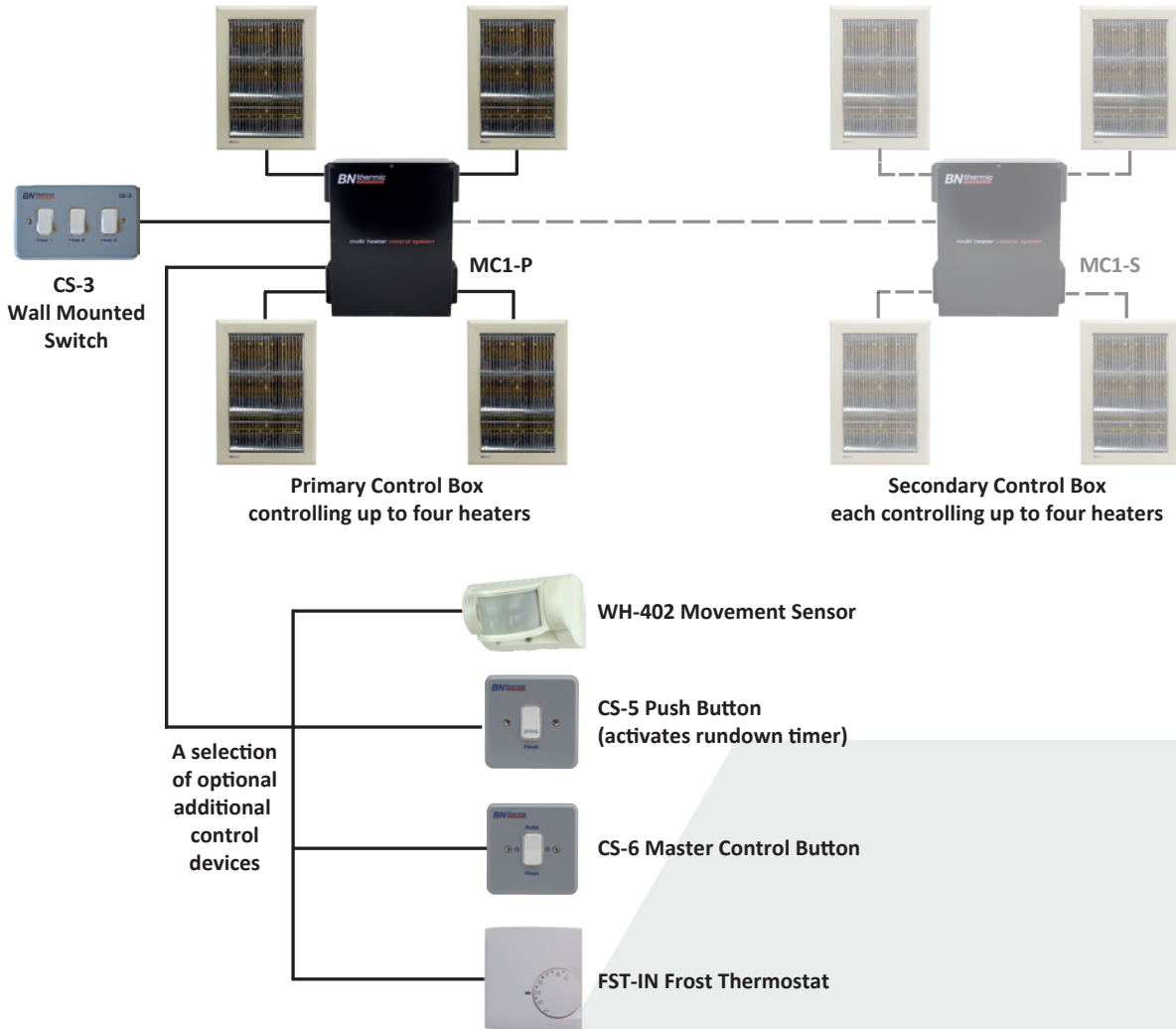
Each MC1-P-L2 will control up to six heaters. The CS-2 switch allows the heaters' lamps to be switched individually meaning that outputs of 1.5kW or 3kW can be selected.



For larger installations up to eleven secondary control boxes can be connected in a control daisy chain with each controlling up to six additional heaters.

# Controlling HN2-4500G (4.5kW) Heaters or HN2-6000G (6kW) Heaters each with 3 lamps

Each MC1-P will control up to four heaters. The CS-3 switch allows the heaters' lamps to be switched individually meaning that outputs of 1/3, 2/3 or full power can be selected.



For larger installations up to eleven secondary control boxes can be connected in a control daisy chain with each controlling up to four additional heaters.

Optional additional control devices			
Type	Description	Model	Details
Thermostat	Frost protection overrides switch and other control devices	<b>FST-IN</b>	Page 71
Thermostat	Prevents heaters being energised above set-point (standard model)	<b>RST-IN</b>	Page 71
Thermostat	Prevents heaters being energised above set-point (tamperproof model)	<b>RST-TP</b>	Page 72
Timer	Programmable timer	<b>PROSTAT-7</b>	Page 72
Movement Sensor	Prevents unoccupied area from being heated	<b>WH-402</b>	Page 76
Push Button	Triggers control boxes built-in run down timer (pre-set between 5 secs and 18 minutes)	<b>CS-5</b>	Page 76
Master Control Button	Switches the system off overriding everything but frost thermostat	<b>CS-6</b>	Page 76