2016 Edition

CLOCK INSTALLATION INFORMATION BY

Good Directions Ltd

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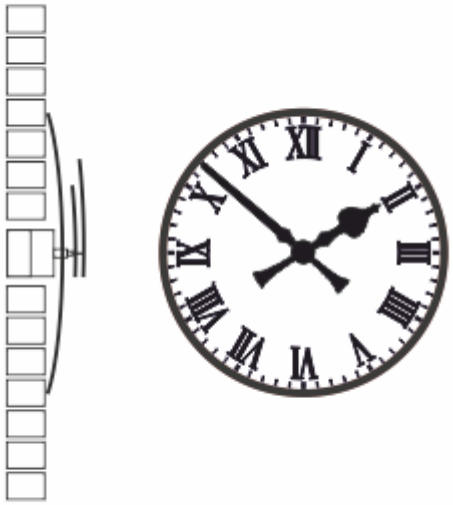
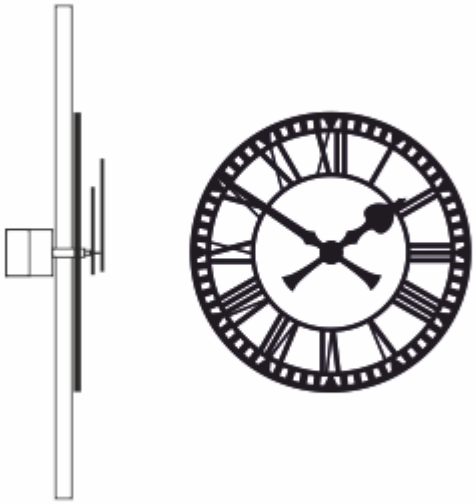
Installation - Surface Mounted Standard Shaft

- Dial to be screw fixed to wall through the hour markers. Suggested fixings at 12, 2, 4, 6, 8, and 10 o'clock positions
- Shaft length 35mm for dial mounting only
- Mechanism nut fixed to the dial using nuts provided sat in an opening in the wall behind the dial approx. 250mm x 250mm depending on clock size
- We recommend that on installation the mechanism cables hang downwards
- Access both internally and externally may be required for future maintenance



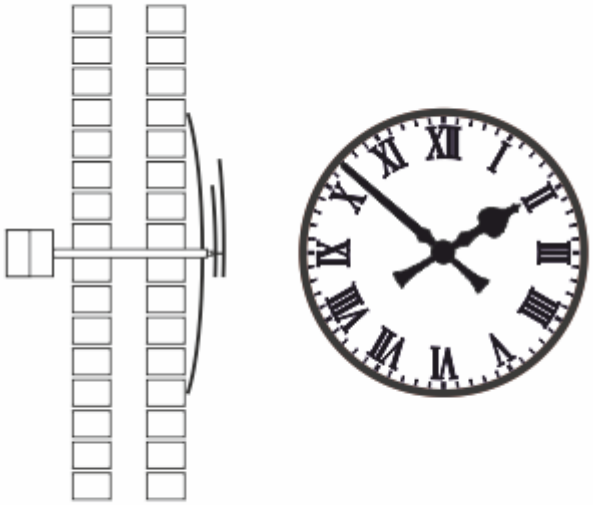
Installation - Surface Mounted with 85mm Shaft

- Dial to be screw fixed to wall through the hour markers. Suggested fixings at 12, 2, 4, 6, 8, and 10 o'clock positions
- Shaft length 85mm for a maximum 50mm wall / panel based on our flat dial designs
- Mechanism nut fixed through the wall / panel using nuts provided
- We recommend that on installation the mechanism cables hang downwards
- Access both internally and externally may be required for future maintenance



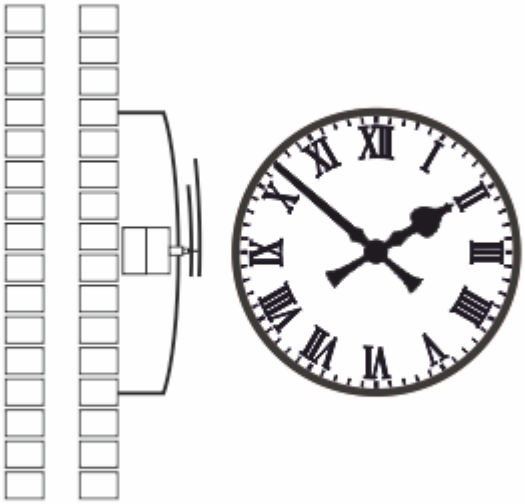
Installation - Surface Mounted Extended Shaft

- Dial to be screw fixed to wall through the hour markers. Suggested fixings at 12, 2, 4, 6, 8, and 10 o'clock positions
- Extended shaft length 450mm as standard for a maximum 425mm thick wall
- Mechanism to pass through the wall. Screw fixed to rear of wall through the four corner holes. Packed out where required
- We recommend that on installation the mechanism cables hang downwards
- Access both internally and externally may be required for future maintenance



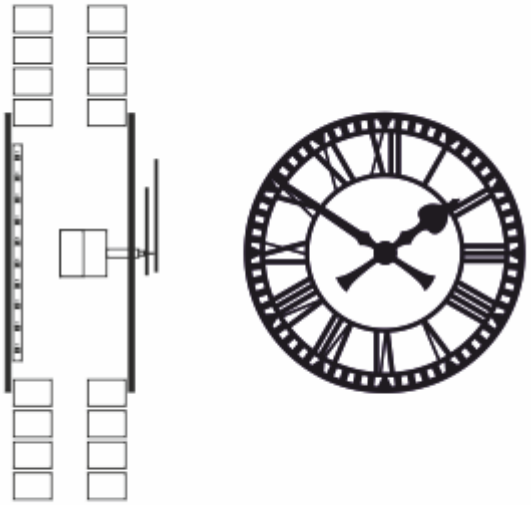
Installation - Surface Mounted with Return Edge

- Dial to be screw fixed to wall through the four small angle brackets located at the 12, 3, 6 and 9 o'clock positions
- Shaft length 35mm for dial mounting only
- Mechanism nut fixed to the dial using nuts provided
- We recommend that on installation the mechanism cables hang downwards
- Access both internally and externally may be required for future maintenance



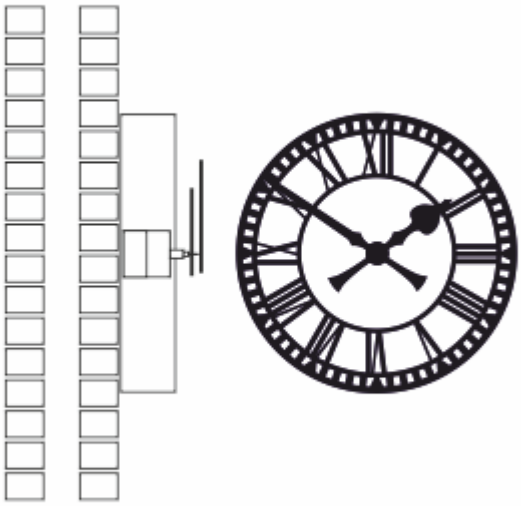
Installation - Back Illuminated

- Opening in wall to be 50mm smaller in diameter than the dial if the dial is to be screw fixed to wall through the hour markers. Suggested fixings at 12, 2, 4, 6, 8, and 10 o'clock positions
- Alternatively if you are producing a bullseye surround on your wall, you can make the opening 5mm larger in diameter than the dial and then use brackets fixed in the opening to fix the dial to
- Mechanism nut fixed to the dial using nuts provided
- Access both internally and externally may be required for future maintenance



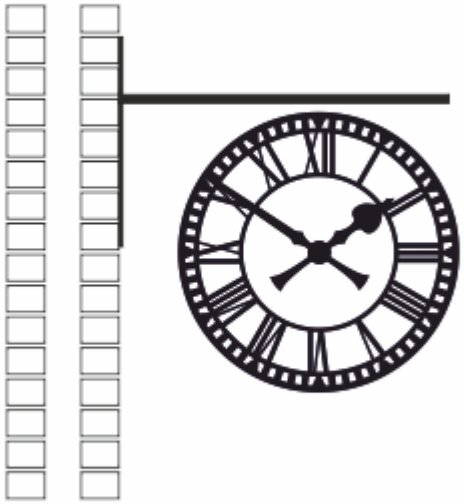
Installation - Surface Mounted In Bezel

- Remove dial from bezel and screw fix to wall through the rear.
- Dial fixed to bezel through 12, 2, 4, 6, 8 and 10 o'clock positions
- Mechanism nut fixed to the dial using nuts provided
- We recommend that on installation the mechanism cables come through the back of the bezel hang downwards from the mechanism
- Access both internally and externally may be required for future maintenance
- Dial can be back illuminated



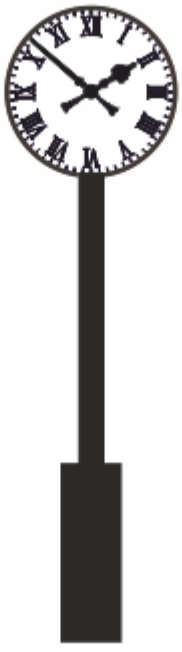
Installation - Surface Projected in Drum

- Fix bracket to wall through the fixing holes in back plate using Rawl bolts or similar
- Dials fixed to drum through 12, 2, 4, 6, 8 and 10 o'clock positions
- Mechanism nut fixed to the dial using nuts provided
- We recommend that on installation the mechanism cables are run through or around the bracket and pass through the wall nearby
- Access both internally and externally may be required for future maintenance
- Dials can be back illuminated

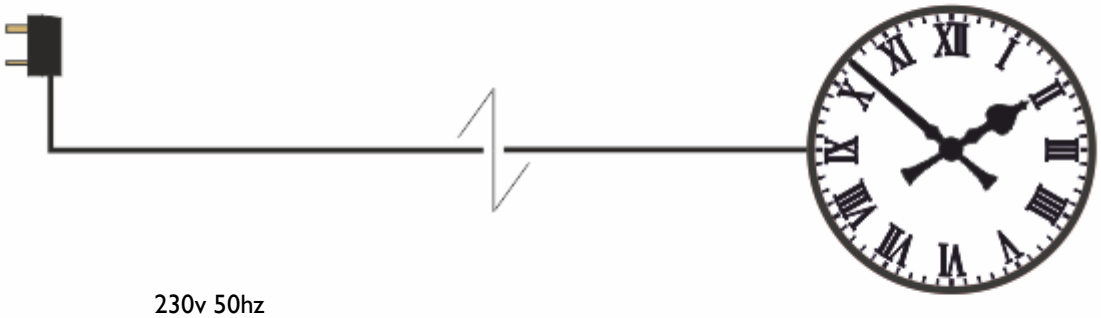


Installation - Floor Mounted Pillar

- Cast the fixing studs into your concrete base using the template provided
- Lift pillar into position and bolt into place
- Dials fixed to clock housing through 12, 2, 4, 6, 8 and 10 o'clock positions
- Mechanism nut fixed to the dial using nuts provided
- Cabling to be routed from the clock housing down through the pillar to the controller in the base
- Access both internally and externally may be required for future maintenance
- Dials can be back illuminated

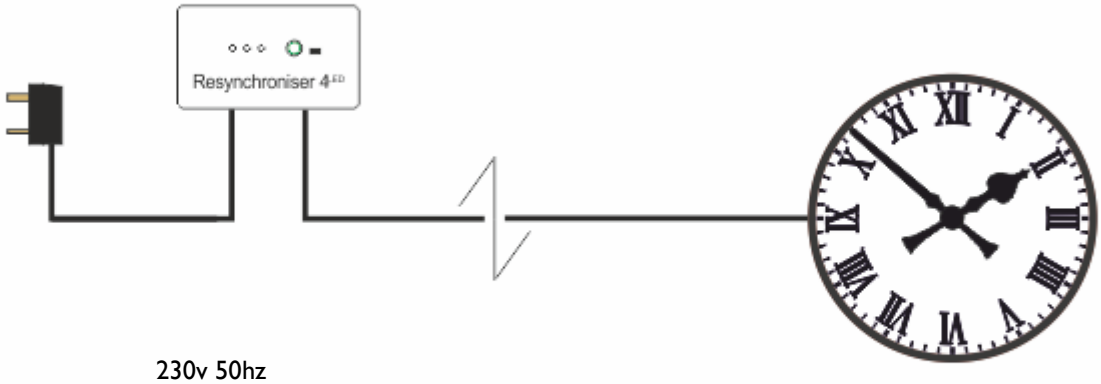


Wiring Detail - Mains Only



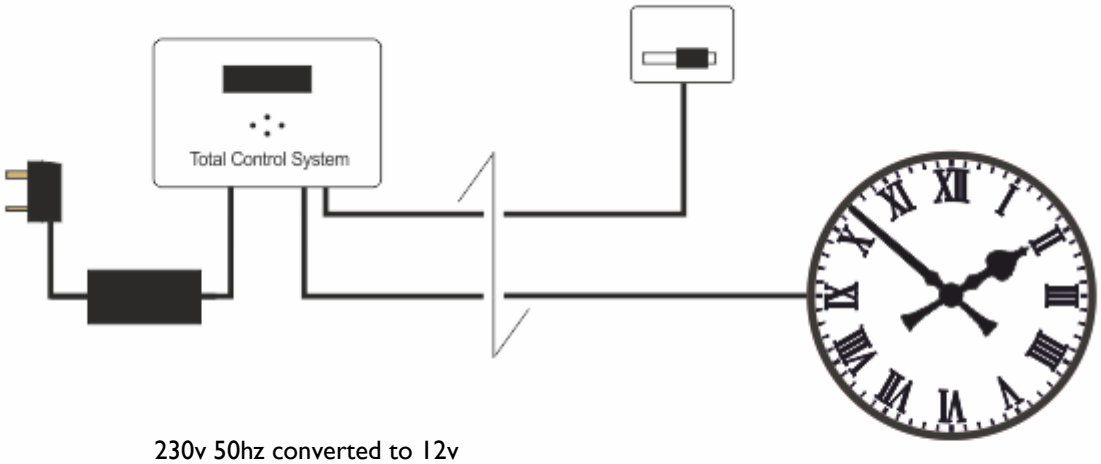
- Voltage 230v 50hz
- Fuse rating 5amp
- Lead length 2m
- Cable used 3 Core 0.75mm Flexible Cable
- Multiple clocks All clocks can be wired in to a junction box with a single lead to mains plug

Wiring Detail - Resynchroniser



- Voltage 230v 50hz
- Fuse rating 5amp
- Lead length 2m + 2m
- Cable used 3 Core 0.75mm Flexible Cable
- Multiple clocks All clocks can be wired in to a junction box with a single lead to Resynchroniser

Wiring Detail - Total Control System



- Voltage — 230v 50hz converted to 12v
- Fuse rating — 5amp
- Lead length — 2m + 2m
- Cable used — 4 Core 0.75mm Flexible Cable
- Multiple clocks — All clocks can be wired in to a junction box with a single lead to Total Control System
- Options — Non radio signal version. Battery back-up system

Wiring Detail - Back Illumination

- Voltage — 230v 50hz
- Fuse rating — 1 - 5amp depending on LED meterage
- Lead length — 2m + 2m
- Cable used — 2 Core 0.75mm Flexible Cable
- LED colour — Warm white supplied as standard
- Light control — 3 pin mains timer plug supplied as standard
- Options — Cool white and RGB LED's