

## TOWER CLOCK MOVEMENT 4M AND 7M

4M and 7M tower clock movements are developed for outdoor dials from 2 to 4 and from 4 to 7 meters diameter with non-protected hands. One clock movement is mounted for each dial. The shaft length is sized according to the wall thickness.

### GENERAL FEATURES

- ✓ 4M movement for dials from 2m to 4m diameter and 7M movement for dials from 4m to 7m diameter.
- ✓ Shaft length : 80 mm for dial fixing and 200 to 1400mm for long shaft.
- ✓ Power supply : 230VAC +/-10% 50Hz.
- ✓ Consumption : 260mA.
- ✓ Wind speed withstanding up to 130km/h.
- ✓ Protection index : IP53.
- ✓ Rust proof material construction : zinc coated steel casing, stainless steel shafts on self-lubricated bronze bearings.
- ✓ Maintenance free.

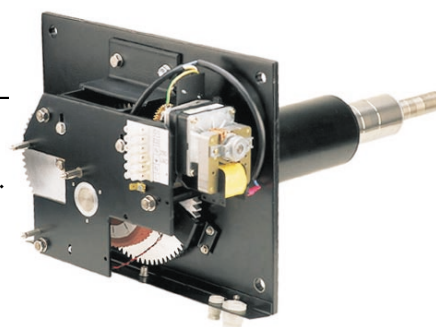


### Mechanical clock movement (only for 4M)

- ✓ Mechanical control through an external system 1 revolution per hour.
- ✓ Manual adjustment of the hands by disengaging of the motor.
- ✓ Supplied with expansion joint.
- ✓ Operating temperature : -40°C to +60°C.

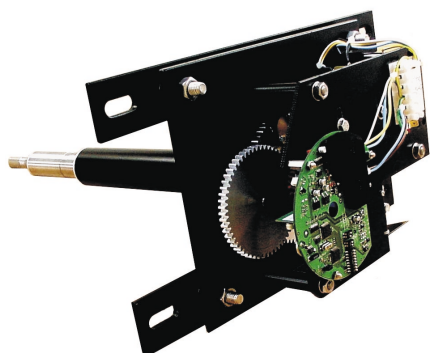
### Electrical clock movement

- ✓ 230V minute impulse, 3 wires, DID2 slave movement.
- ✓ Requires a master clock that deliver DID2 impulses (BTE, BTE6, Mic Delta...).
- ✓ Easy adjustment of hand position from inside the building by clutch.
- ✓ Operating temperature : -40°C to +60°C.



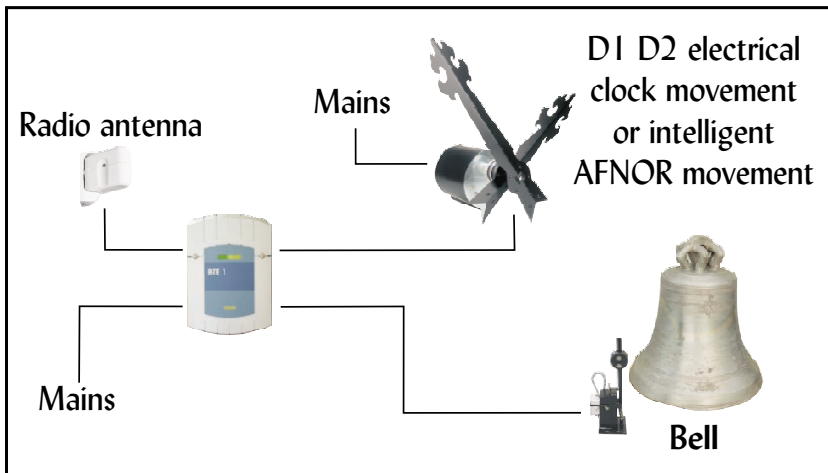
### Intelligent electrical clock movement

- ✓ Hand position controlled via sensors to guarantee time accuracy.
- ✓ 3 versions available :
  - AFNOR coded time signal emitted by a master clock.
  - FI or DCF radio synchronisation.
  - GPS synchronisation.
- ✓ Automatic time setting clock.
- ✓ Operating temperature : -20°C to +50°C.

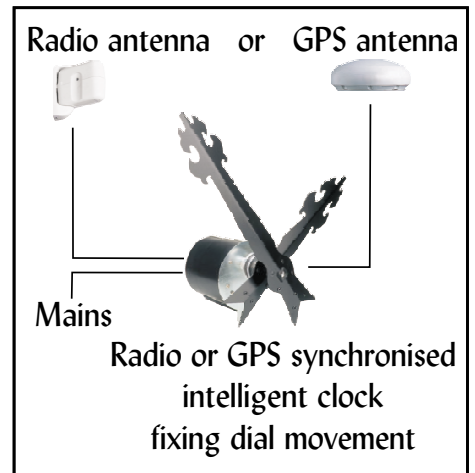


**Installation diagram**

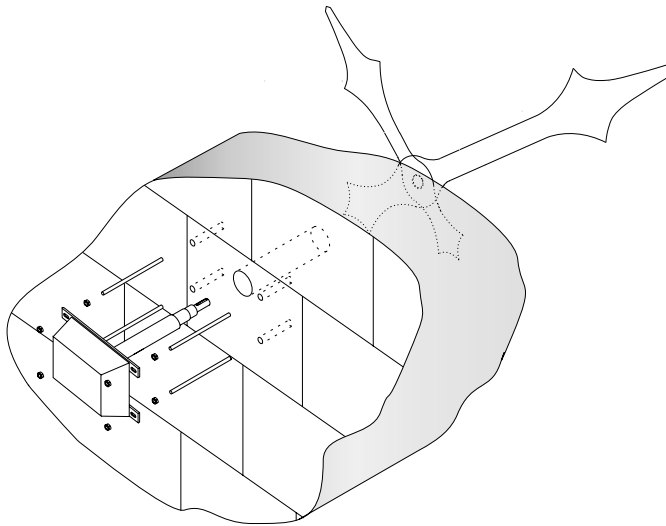
Synchronisation by master clock



Independant or GPS synchronised

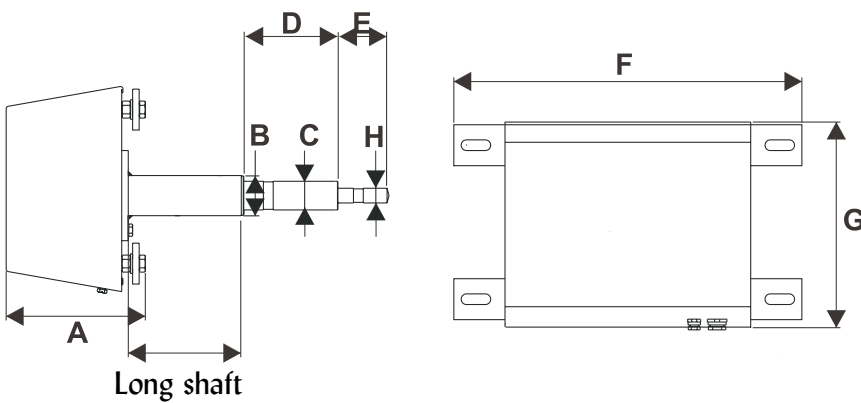


**Installation**



Long shaft movement from 200 to 1400mm by step of 100mm.

**Dimensions in mm**



**DIMENSIONS IN MM**

Movement	4M	7M
A	170	172
B	49	90
C	29,7	53,8
D	80	110
E	62	96
F	425	507
G	251	292
H	17,5	27,8

