

Analogue clocks

Analogue clocks

**Profil TGV
930/940**

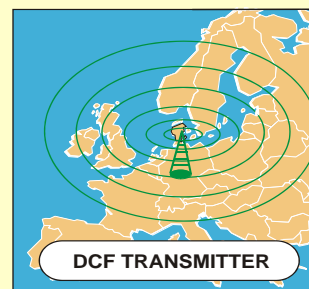
Description :

- ▶ Indoor clock with analogue display.
- ▶ Hour – minute display.
- ▶ The clocks have been designed in partnership with the design office of the French railways.
- ▶ Models: independent quartz, radio synchronised DCF, 24V, 24V minute receiver and IRIG-B/AFNOR coded time receiver.



Technical features:

- ▶ ABS casing.
- ▶ Protective glass made with poly methacrylate.
- ▶ Clock colours:
 - black casing RAL9005
 - yellow hands and notches RAL1016
 - grey dial RAL7015



DCF TRANSMITTER

	Movement	Power supply	Operating temperature	Protection Index	Readability	Weight
Profil TGV 930	Quartz	Battery 1,5V LR6	- 5°C à +50°C	IP401	20m	0,7kg
	Radio DCF	Lithium battery 1,5V LR6	- 5°C à +55°C	IP401	20m	0,7kg
	Minute receiver		-10°C à +50°C	IP401	20m	0,9kg
	IRIG-B/AFNOR receiver	230 Volt 50Hz ±10%	-10°C à +50°C	IP401	20m	1,3kg
Profil TGV 940	Quartz	Battery 1,5V LR6	- 5°C à +50°C	IP401	35m	1,9kg
	Radio DCF	Lithium battery 1,5V LR6	- 5°C à +55°C	IP401	35m	1,9kg
	Minute receiver		-10°C à +50°C	IP401	35m	2,1kg
	IRIG-B/AFNOR receiver	230 Volt 50Hz ±10%	-10°C à +50°C	IP401	35m	2,5kg



Back side of Profil
TGV 930/940

References

- ▶ Independent quartz on battery
- ▶ Radio synchronised DCF
- ▶ IRIG-B/AFNOR coded time receiver
- ▶ 24V minute receiver

	TGV 930	TGV 940
	981 142	983 142
	981 342	983 342
	981 942	983 942
	981 542	983 542



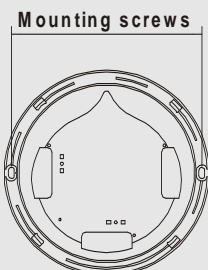
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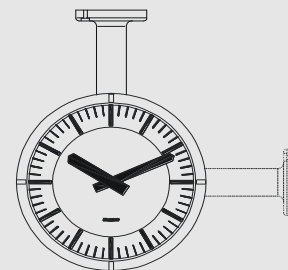
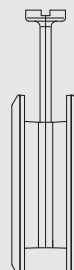
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Single sided wall support for IRIG-B/
AFNOR clocks



When the support is fixed on the wall, turn the clock a quarter turn in the clockwise so that the clock is in the correct position.

Double sided bracket mounting



Movements and synchronisation:

Quartz movement

► The clock is totally independent, the time information comes from his own time basis. The operating temperature range of these clocks is -25°C to +55°C when using Lithium batteries.

Radio synchronised DCF movement

- The clock is independent. The time information comes from its own time basis which is corrected, in case of drift, by comparing it to the DCF transmitter signal.
- The radio synchronisation permits to display the time with perfect accuracy and to make automatically summer/winter time changeover.

IRIG-B/AFNOR coded time receiver

- The coded time distribution consists in transmitting a complete time message every second: the setting on time of the receivers is realised automatically and immediately after connection to the clock line.
- The IRIG-B/AFNOR coded time does not transmit interference and is insensitive to other electrical interference.

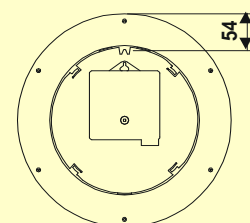
Receiver 12/24V minute impulses or 24V second movement

- The receiver clocks are connected to a distribution line and activated by means of electrical impulses transmitted every minute by the master clock.

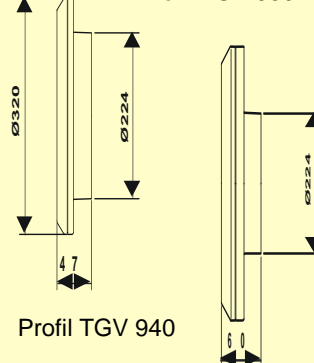
Norms:

- Norm NF EN50082-1: electromagnetic compatibility.
- Norm NF EN55022 class B: immunity norm for information processing equipment.
- Norm NF EN60950: immunity norm for information processing equipment.

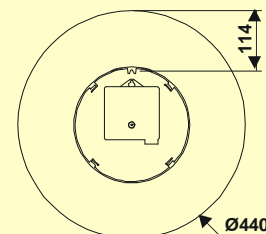
Dimensions in mm



Profil TGV 930



Profil TGV 940



Mounting accessories:

- Double sided bracket for quartz on battery and 12/24V minute: 981 001
- Secure wall fixing bracket for single sided clock: 981 006
- Horizontal double sided bracket for IRIG-B/AFNOR movement: 984 003
- Vertical double sided bracket for IRIG-B/AFNOR movement: 984 004



Bodet