

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: serial ½ minute receiver, 24V minute receiver, France Inter radio 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



	Movement	Power supply	Operating temperature	Protection Index	Optimal viewing distance	Weight
Profil TGV 930	radio FI receiver	1,5V LR6 batterie	-10°C à +50°C	IP401	20m	0,9kg
	½ Minute receiver		-10°C à +50°C	IP401	20m	0,9kg
	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	radio FI receiver	1,5V LR6 batterie	-10°C à +50°C	IP401	35m	2,1kg
	½ Minute receiver		-10°C à +50°C	IP401	35m	2,1kg
	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

	TGV 930	TGV 940
▶ Radio France Inter receiver	982 142	985 142
▶ 24V minute receiver	981 542	983 542
▶ ½ minute serial receiver	981 642	983 642
▶ IRIG-B/AFNOR coded time receiver	981 942	983 942



Ref. 643221 H

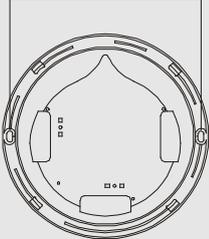
Analogue clocks

Analogue clocks

**Profil TGV
930/940**

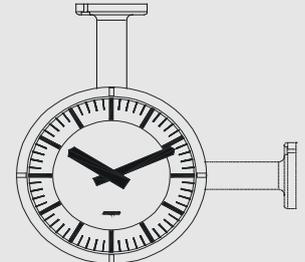
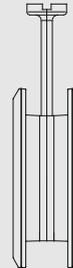
Single sided wall support for IRIG-B/
AFNOR clocks

Mounting screws



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:

Radio FI

► The clock is totally independent. The France Inter radio synchronized movement brings absolute accuracy and automatic summer/winter changeovers.

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.
- Consumption : 230V / 15 mA.

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.
- Consumption : 24V / 9,6 mA.

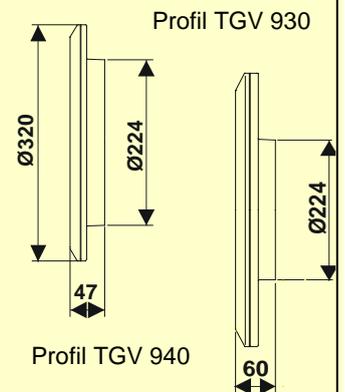
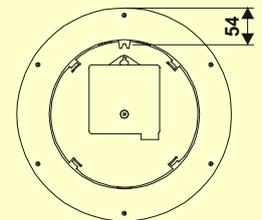
Receiver 1/2 minute serial impulses

- The receiver clocks are connected to a distribution line and activated by means of electrical impulses transmitted every ½ minute by the master clock.
- Consumption : 0,9V/65 mA.

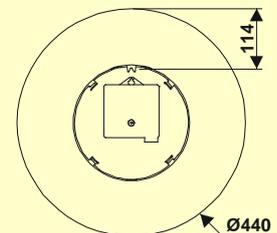
Norms:

- 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 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 |

