

Technical features

Analogue clock

Profil 960

Description :

- ▶ Indoor or outdoor illuminated and weatherproof clock with analogue display.
- ▶ Hour - minute or hour - minute - second display, depending on the model.
- ▶ ABS white casing.
- ▶ Readability 60 metres.
- ▶ Protective glass made with safety glass.
- ▶ Dial models: Arabic figures or minute notches.
- ▶ Models: DHF, quartz, 24V second receiver, 24V minute receiver, and IRIG-B/AFNOR coded time receiver or radio synchronised FI.



Technical features:

	Movement	Power supply	Operating temperature	IP	Display	Weight	Plan
Profil 960I SS	Quartz with remote keyboard	230 V 50Hz ±10%	-25°C to +70°C	407	HM	6,5kg	1
	24V minute receiver		-25°C to +70°C	401	HM	6,5kg	1
	AFNOR TBT receiver	6 to 24 VC AC or DC	-25°C to +70°C	537	HM	15 kg	2
	IRIG B/AFNOR receiver + radio FI	230 V 50Hz ±10%	-25°C to +70°C	537	HM	15,2 kg	2
	Radio DHF rec.	2x1,5V LR6 batteries	- 5°C to +50°C	407	HM	6 kg	1
	Radio DHF TBT rec.	230 Volt 50Hz ±10%	- 5°C to +50°C	407	HM	6,5 kg	1
Profil 960E SS	Quartz with remote keyboard	230 V 50Hz ±10%	- 25°C to +70°C	537	HM	15,2 kg	2
	24V minute receiver	230 V 50Hz ±10% *	-25°C to +70°C	537	HM/HMS	15,2 kg	2
	IRIG B/AFNOR receiver + radio FI	230 V 50Hz ±10%	-25°C to +70°C	537	HM/HMS	15,2 kg	2
Profil 960E DS	Quartz with remote keyboard	230 V 50Hz ±10%	- 25°C to +70°C	437	HM	24kg	3
	24V minute receiver	230 V 50Hz ±10% *	- 25°C to +70°C	437	HM/HMS	24kg	3
	IRIG B/AFNOR receiver + radio FI	230 V 50Hz ±10%	-25°C to +70°C	437	HM/HMS	24kg	3

SS= single sided, DS= double sided, I=Internal, E=External

HM = hour-minute, HMS= hour-minute-second.

Drawing: other side of the page.



Hinged arm system for Profil 960

Profil 960 HM references

▶ Quartz with remote keyboard	960I SF	960E SF	960E DF
▶ 24V minute receiver	933 211	934 211	934 216
▶ IRIG-B/AFNOR receiver + radio FI	933 511	934 511	934 516
▶ IRIG-B/AFNOR receiver TBT	933 911	983 911	934 916
▶ Radio DHF receiver	933 811		
▶ Radio DHF receiver 230 VAC	933 B11		
	933 C11		

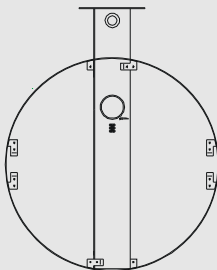


Technical features.

Analogue clock

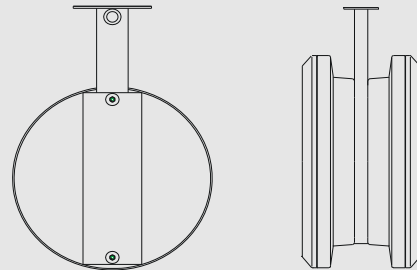
Profil 960

Single sided wall support corresponding to drawing 1



To make these double sided clocks, two single sided clocks are necessary.

Double sided bracket mounting corresponding to drawing 2



Movements and synchronisation:

Quartz movement with remote keyboard

► The clock is totally independent. The time information comes from its own time basis.

DHF receiver (norm AFNOR NF S 87-500)

► The DHF clocks pick up the radio signal and get automatically synchronised. If radio reception is poor, they keep on working on their own time basis.

FI radio synchronized autonomous movement

► 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 + radio FI

► The coded time distribution consists in transmitting a complete time message each second: the setting on time of the receivers is realised automatically and speedily as soon as they are connected on the clock line.

► The IRIG-B/AFNOR coded time does not transmit interference and is insensitive to other electrical interference.

► The radio synchronisation permits to display the time with perfect accuracy and to make automatically summer/winter time changeover.

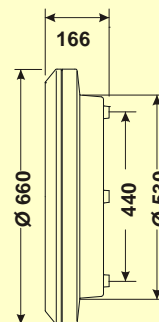
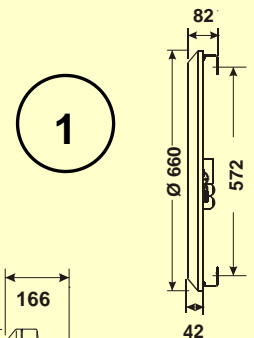
24V minute impulse receiver movement

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

Norms (depending on the models):

- Norm NF EN50081-1: generic emission standard.
- Norm NF EN50082-1 and 50082-2: generic immunity standard.
- Norm NF EN55022 class B: limit and methods of measurement of radio disturbance characteristics of information technology equipment.
- Norm NF EN60950: Safety of information technology equipment.
- Norm NF EN300-220-3: radio equipment standard.
- Norm NF EN301-489-3: EMC standard for radio equipment
- Norm AFNOR NF S 87-500 C.

Dimensions in mm



Mounting Accessories:

- | | |
|---|---------|
| ► Double sided bracket corresponding to drawing 1 | 933 001 |
| ► Double sided bracket corresponding to drawing 2 | 933 003 |
| ► Back ring for Profil 960i | 933 004 |
| ► Back casing + hinged arm system for Profil 960i | 933 005 |
| ► Remote keyboard | 933 006 |
| ► BT radio FI 230V | 933 010 |
| ► BT radio DCF 230V | 933 011 |

