



## I.S. Wall Clocks Ex-Time 40/50

These intrinsically-safe wall clocks, Ex-Time 40 and 50, are driven by a Quartz accurate movement, powered by a LR 14 type battery. When necessary, e. g. for summer to winter time, adjustments can be quickly and simply made.

- Quartz movement
- Robust metal casing
- Available in two different sizes

### Standard delivery:

- Ex-Time 40/50
- Battery
- Operating instructions

### Accessories:

- Spare battery type LR 14



### Ex-data:

Ex-designation:

Ⓜ II 2 G EEx ia IIC T4

EC-Certificate of conformity:

PTB 02 ATEX 2197 X



I.S. Class I Division I Groups A;B;C;D T4

Technical data:	Ex-Time 40	Ex-Time 50
Operating Temperature:	0°C ... +50°C	0°C ... +50°C
Operating time:	1 year	1 year
Clock Movement:	Quartz	Quartz
Accuracy:	+15 / -5 Seconds	+15 / -5 Seconds
Power Supply:	1 x LR 14 (according to IEC)	1 x LR 14 (according to IEC)
Weight:	ca. 2.0 kg	ca. 3.5 kg
Dimensions:	400 x 60 mm	500 x 70 mm

## I.S. Radio Time Signal Controlled Wall Clock Ex-Time 35

The Ex-Time 35 receives the signal via an integrated antenna anywhere that a portable radio can obtain a useful reception over long-wave (*Broadcast range approx 1500 km from Frankfurt (Germany)*).

The microprocessor integrated into the Ex-radio clock processes the received time signals and fully automatically controls the dial. This eliminates the tedious adjustment from STANDARD TIME to SUMMER TIME.

- Absolute precise time thanks to DCF 77 time signal
- Highly sensitive integral aerial
- Automatic changeover between summer and winter time

- Stylish but tough metal housing

### Standard delivery:

- Ex-Time 35
- battery
- Operating instructions



Technical data:	
Aerial:	Highly sensitive integrated double aerial
Receiving:	integrated DCF 77 receiver
Frequency:	77.5 kHz
Broadcast range:	ca. 1500 km from Frankfurt (Germany)
Self monitoring:	once per hour
Operating temperature:	-20°C ... + 40°C
Synchronisation with time signal:	every hour
Operating time:	approx. 5 years
Power supply:	1x LR14 according to IEC
Housing (frame):	aluminium
Weight:	approx 1500 g
Ingress protection:	IP 54
Dimensions:	350 x 70 mm

### Ex-data:

Ex-designation:

Ⓜ II 2 G EEx ia IIC T4

EC-Certificate of conformity:

TÜV 01 ATEX 1712