Digital clock DC.20
new model state of art technology

Rack and panel mount versions with digit size of 20 mm

Digital clock, intended to be used indoors • the clock meets the requirements of the majority of conventional applications in radio and TV studios, PBX, conference shelves and others • 7-segment LED display of high luminance provide for excellent readability from various angles of view • six or twelve digits • autonomous operation with internal quartz mains powered • NTP multicast or unicast synchronization, powered over PoE or mains powered • slave clock operation controlled by self-setting MOBALine code mains powered • slave clock operation controlled by built-in RS 485 interface • LED display in red or green • single sided clock • clock frame made from bent metal sheets • IP40

Specification		DC.20.6..F	DC.20x.12..R
Display	height of the digits [mm]	20/14	20
	number of digits	4+2	12
Time and date display format	HH : MM SS DD. MM. YY	✓	-
	HH : MM : SS DD.MM.YY	-	✓
Powering	standard	-	100-240 VAC, 50-60Hz
	option VDC	18 - 56 VDC	
	option VDC 12V	12 - 16 VDC	
	PoE version	PoE (IEEE 802.3 af-Class 0)	
	PoE class version	PoE (IEEE 802.3 af-Class 3)	
Power consumption AC or DC version [VA]		3	5
Power consumption PoE version [VA]		3	5
Reserve capacity	passive (time + data)	6 years (except PoE version)	

Specification		DC.20.6..F	DC.20x.12..R
Accuracy at 20 °C, without synchronization		±0,3 sec/day	
Scope of the operating temp. without condensation		0 to + 50 °C, relative humidity 0 - 95%,	
Protection degree		IP 40	
Weight [kg]	panel mounting	0,55	-
	rack mounting	-	2,2
Dimensions (W x H x D) [mm]	panel mounting	144 77 147	-
	rack mounting	-	483 44 145
Accessories			
DCF 4500 radio signal receiver		✓	
GPS 4500 receiver		✓	
IR remote controller		✓	

Operation

- setting of the clock parameters and time – date setting by means of push buttons or through IR remote controller
- autonomous quartz time base with the possibility of synchronization by means of the DCF 77 signal or by GPS signal

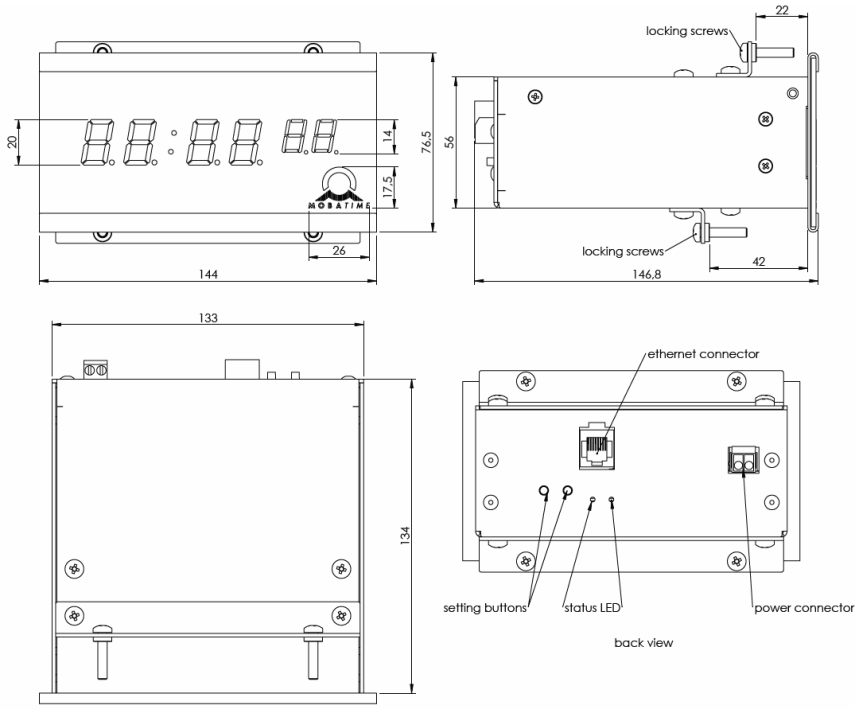
Synchronization types

- DCF 77
- GPS
- MOBALine
- NTP over Ethernet
- (un)polarized 24 VDC (minute, half minute and second pulses)
- RS 485
- MOBATIME serial code

For NTP and PoE version only

- DHCP / manual configuration of the clock parameters or setting over the telnet
- private options of DHCP string for automatic configuration of all clock parameters when connected to network
- configuration and monitoring using MOBA-NMS software or SNMP
- firmware update remotely through the network using the TFTP protocol
- powered from mains with wide input voltage range 100-240 VAC, optionally from 24 VDC voltage or through PoE (IEEE 802.3af)
- NTP and PoE version IPv6 ready

Panel mount version



Rack mount version