



Akustikanlagen nach EN 54 –16  
 Uhrenanlagen, analog und digital  
 Lautsprecher für Beschallungsanlagen

Systèmes Audio d'évacuation EN 54 –16  
 Horloges analogiques et digitales  
 Haut-parleurs

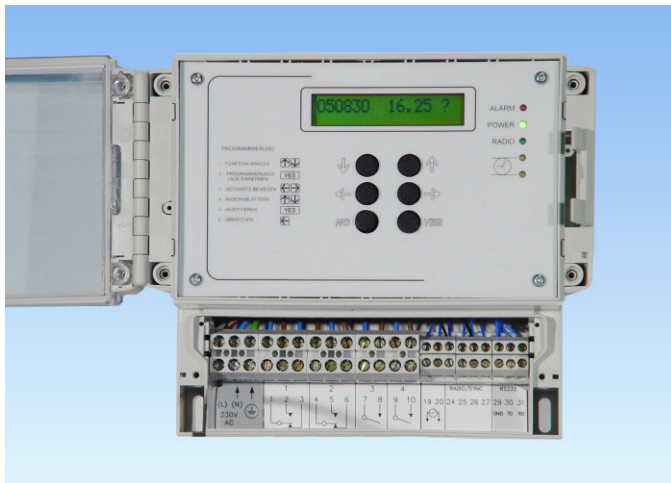
Voice-Alarm according EN 54 –16  
 Clock Systems, analogue and digital  
 Loudspeaker



g+m elektronik ag  
 CH-9245 Oberbüren  
 www.gm-elektronik.ch

# Master Clock WDP-Q-TC for Wall Mounting

Output 24 V Time Code + 24 V Minute Impulse



- For operation and control of analogue and Digital Slave Clocks (self adjusting with Time Code or normal minute impulse)

## General :

- Fully automatic correction of summer / winter time
- Easy programming by simple YES/NO instructions over the easy to read LCD display
- To achieve absolute accuracy, radio synchronization with the transmitters of time code signals type OCF-77 (Germany) is available as option
- LED indication of power on and receipt of time code signal.
- Built-in "Time Keeper Memory" with lithium battery which, in case of power failure, stores programmed data's for at least 10 years

## Functions :

- After a power failure, the relay outputs are resuming their positions (ON/OFF) which were previously programmed (with a 10 second switching delay between the different outputs).
- 72 hours impulse memory after a power failure

Type	Output	Relay outputs	connection
WDP-Q-TC	24-V DC oder TC	0	230 V AC



Akustikanlagen nach EN 54 –16  
Uhrenanlagen, analog und digital  
Lautsprecher für Beschallungsanlagen

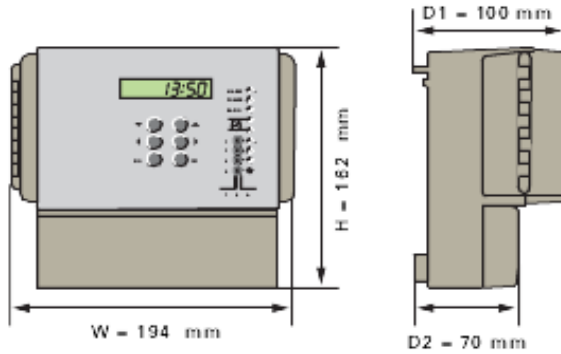
Systèmes Audio d'évacuation EN 54 –16  
Horloges analogiques et digitales  
Haut-parleurs

Voice-Alarm according EN 54 –16  
Clock Systems, analogue and digital  
Loudspeaker



g+m elektronik ag  
CH-9245 Oberbüren  
www.gm-elektronik.ch

## Technical Datas :



## Specification :

Crystal frequency.....	4,915200 MHz
Accuracy.....	0,1 sec. / 24 Std. ( at + 20C)
Microprocessor.....	HD6303Y
Outputs:.....	24-V DC or 24-V DC Time Code
Current:.....	1 A
Memory reserve.....	10 Years (Lithium Battery)
Ambient temperature.....	0 C to + 40 C
Case.....	IP 65 / Plastic (Polystyrol) with transparent protection cover
CE Approval, EMC.....	EN 50081-1, EN 50082-2

## Options :

GM-2022.....	Ext. DCF receiver for Radio Synchronisation
GM-122985.....	Ext. GPS receiver for Radio Synchronisation
Minute Impulse:.....	different Voltages then 24-V