



WDP-AMP – Electronic Impulse Amplifier



The WDP-AMP is an electronic quartz Impulse Amplifier for operating and control of analogue and digital Slave Clocks.

In case of power failure the built in Real Time Clock keeps the internal time updated. Connected Slave Clocks are automatically corrected by rapid impulsing when power returns.

Summer/winter time correction (daylight saving) is pre-programmed and, if the amplifier is used in sync. mode, the correction is done fully automatic.

TECHNICAL DATA

Intended for:	Polar reversing impulses, hard wired DCF Time Code, TC. Can work in sync. or slave mode.
Crystal Frequency:	4,915200 MHz.
Accuracy:	0,1 sec./24 hours (at +20°C).
Microprocessor:	HD6412394.
Max. load impulse output:	Minute 1A, second 0,5A. (The output is equipped with short circuit protection which resets automatically.)
Impulse duration:	Minute 2 sec. selectable 0.1-9.9 sec. Seconds 0.5 sec. selectable 0.1-1 sec.
Impulse memory:	72 hours (impulse memory with rapid impulsing after power failure). (in sync. mode)
Connection voltage:	230 V 50 Hz -5% +10%
Power consumption:	30 VA.
Ambient temperature:	Between 0°C and +40°C.
Relative humidity:	Max. 85% non-condensing.
Case:	IP 65, light grey plastic (Polystyrol) with transparent protection cover.
CE-Approval, EMC	Emission acc. to EN61000-6-3, Immunity acc. to EN61000-6-2.

We reserve the right to make changes at any time.

ES43 D

WESTERSTRAND URFABRIK AB SWEDEN

P.O. Box 133, 545 23 TÖREBODA
E-post: info@westerstrand.se

Tel 0506-480 00 Fax 0506-480 51
Internet: www.westerstrand.se