

DXP2000 SERIES UNIVERSAL PAGING TRANSMITTER

The DXP2000 Desktop Paging Transmitter is a compact, self-contained exciter/transmitter with a built-in power amplifier and an AC power supply. Like its high-end counterpart, (DXP4000 Series), the DXP2000 features rugged, field proven modular construction, PC programming/metering facilities and alarms. The DXP2000 interfaces to the paging terminal/encoder via a single multi-conductor cable.



- ▶ Compact (12.4" X 12.72") footprint.
- ▶ Modular construction.
- ▶ Direct FM - tone, voice, and digital modulation (including FLEX and POCSAG).
- ▶ 100% duty cycle up to 10 watts.
- ▶ Built-in 110VAC or 220VAC power supply with detachable cord (IEC-320 connector).
- ▶ Field programmable TTL or RS-422 digital interface.
- ▶ Single 9-pin "D" connector interface for both analog and digital applications.
- ▶ Desktop or wall-mountable.
- ▶ Optional Pocsag Encoder allows PC to become terminal.



GENERAL

FREQUENCY BANDS:	VHF	UHF	800/900
FREQUENCY RANGES:	148-174MHz	400-440MHz 440-520MHz	928-943MHz
EXPORT FREQUENCY BAND:	Contact Factory for a complete listing of export frequency bands.		
POWER OUTPUT (Adjustable):	4-25Watts	4-25Watts	4-15 Watts
OUTPUT IMPEDANCE:	50Ω	50Ω	50Ω
RF OUTPUT PORT:	Rear mounted "N" female connector		
DUTY CYCLE:	100% duty cycle up to 10 watts, 75% at 15 watts, 50% above 15 watts.		
FREQUENCY STABILITY (Standard):	2 ppm	1 ppm	1 ppm
TEMPERATURE RANGE:	-10 to +60°	-30 to +60°	-30 to +60°
FREQUENCY STABILITY (Optional):	1 ppm		
TEMPERATURE RANGE:	-30 to +60°		
CHANNEL SPACING (Standard):	12.5/25/30kHz	12.5/25kHz	12.5/25kHz
OTHERS OPTIONAL, CONTACT FACTORY			
DEVIATION:	4.5kHz Nominal (@ 25kHz channel spacing)		
MODULATION:	16K0F3E +/-5kHz analog (@ 25kHz channel spacing) 20K0F2D +/-5kHz digital (@ 25kHz channel spacing)		
CHANNEL SELECTION:	8 channels via external controller		
SPURIOUS EMISSIONS:	Less than .25μ watt		
HARMONIC OUTPUT:	Less than -80dBc		
PROGRAMMING:	PC programmable via (rear) chassis mounted 25-pin male "D" connector (requires programming kit)		
METERING:	RF Power, Forward/Reverse Power and General Alarms (metering requires a PC)		
POWER SUPPLY:	110V, 60Hz, or 220V 50Hz, 8A (6.5A continues) switching power supply with detachable AC cord		
POWER SWITCH:	Front panel mounted AC On/Off switch		
INDICATORS:	Front panel mounted LED indicators (Alarm; TX: and Power)		
SERVICEABILITY:	Easily serviceable, fully modular construction		
DIMENSIONS:	315mm (W) x 323 mm (D) x 70mm (H) - less connectors, but including feet (12.4" x 12.72" x 2.73")		
NET WEIGHT:	5.0Kg typical (11 lbs.)		