

## Pork Chopper

model: PCHOP

technical data sheet



*Pork Chopper* is an economical way to increase the total number of control channels of a Flying Pig Systems, Wholehog II console. The *Pork Chopper* decodes the special "Overdrive" signal that three of the four output ports are capable of producing. When connected to an output port producing "Overdrive" *Pork Chopper* decodes the signal into two DMX512 universes. Connecting *Pork Choppers* to three output ports increases Wholehog II channel capacity from 2048 to 3584 channels. That's an additional 1536 channels!

DMX isolator mode allows *Pork Chopper* to act as a DMX512 isolated splitter when the "Overdrive" signal is not present. LEDs indicate the presence of DMX512 or "Overdrive" signals on the input port, as well as mimic the intensity of channels 1 and 513 to aid in trouble shooting. The tenth inch powder coated aluminum chassis is built tough for years of service. One or two *Pork Choppers* can be mounted in a single rack space with optional rack kits.

### SPECIFICATIONS:

Input baud rate:	500 Kb/s (Pork Chopper mode) 250 Kb/s (Standard DMX mode)
Input circuit:	ESD protected EIA-485 transceiver (LT1785) with 120 ohm termination resistor between +Data and -Data
Input signal:	0.5 volts minimum, 12 volts maximum
Input protection:	15KV transient, $\pm 60V$ continuous
Output baud rate:	250 Kb/s
Output circuit:	ESD protected EIA-485 transceiver (LT1785)
Output signal:	EIA-485 driver yields an approximate 3 volt signal into 120 Ohms
Output protection:	15KV transient, $\pm 60V$ continuous
Indicators:	Signal            Illuminates on either DMX512 or a more advanced input signal DMX                Illuminates on standard DMX512 input signal Mimic 1            Mimics the level of DMX512 output channel #1 Mimic 513        Mimics the level of DMX512 output channel # 513 (channel 1 of second port) Power              Indicates operation of internal power supply
Connectors:	Gold plated 5 pin Neutrik D-1 Series
Isolation:	2500 volt optical coupler, 1500 volt split bobbin transformer Outputs are isolated from the input and from each other.
Power input:	100 - 120 volts, 50/60 hertz, 12 watts (208 - 240 volt optional)
Color:	Silver hammertone with black front and back panels
Size and weight:	6.5" deep, 1.7" high, 8.25" wide 3.3 pounds    (19" rack kits available)

MANUFACTURER MEMBER

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