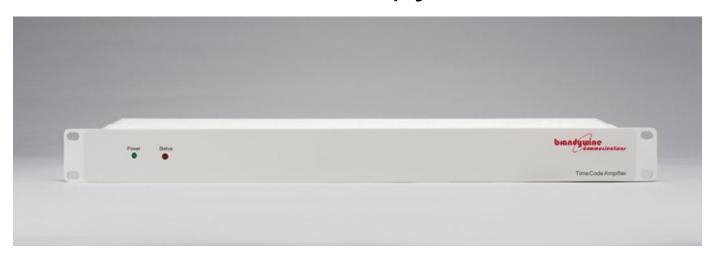
# brandywine communications

# **IBU 120**Time Code Amplifier



- Time Code Input
- 12 Analog Outputs
- Fault Alarm Indicator
- 1U 19" rack mount

The IBU120 is a time code signal distribution amplifier designed for use with any analog time code in the frequency range of 100Hz to 100kHz

The IBU120 provides 12 buffered outputs from the input signal

Gain is fixed at unit, and the IBU120 will reproduce signals in the range up to 8Vp-p.

Each output includes an amplitude monitor and if the output fails, then a front panel status indicates a failure.

A special order option allows two amplifier assemblies to be fitted in the same chassis, providing up to 24 outputs.

# Ordering Information:

P/N 019002001 IBU120 Time Code Amplifier P/N 019022002 Additional 12 output option

#### **Approvals**

FCC CFR title 47 part 15 sub-part B – conducted EN55022 / CISPR 22 conducted EN55022 / CISPR 22 radiated EN61000-4-5 Level 3

### Specifications

## Inputs:

Input Frequency: 100Hz-100 kHz ±2 db, Input Level: 0.5 Vpp-8 Vpp Input Impedance: >1k Ohms Connector: SMA

#### **Outputs**

Connectors: Rear Panel SMA
Quantity: 12 channels
Gain: 1± 15%

Isolation: Independently buffered Output protection: Open/short circuits,

#### **Status Indicators**

Output Status Power On

#### **Environmental**

Power: 85-264VAC 47-63Hz <10W

Temperature:  $0^{\circ}\text{C} \text{ to } +60^{\circ}\text{C}$ 

Humidity: To 95% non-condensing Size: 1UX19"X12" deep, rack mount

Weight Five pounds