

HXr INTERCONNECT WITH GTN650

RAIM GPS MODULE

GPS SERIAL OUTPUT PIN 4  
GPS SERIAL INPUT PIN 3

AHRS 1

OUTPUT 1 PIN 1  
INPUT 1 PIN 5  
OUTPUT 2 PIN 3

EFIS DISPLAY UNIT 1

SERIAL 1 INPUT PIN A20  
SERIAL 1 OUTPUT PIN A2  
SERIAL 2 INPUT PIN A19  
SERIAL 2 OUTPUT PIN A4  
SERIAL 3 INPUT PIN A23  
SERIAL 3 OUTPUT PIN A25  
SERIAL 4 INPUT PIN A21  
SERIAL 4 OUTPUT PIN A5  
SERIAL 5 INPUT PIN A22  
SERIAL 5 OUTPUT PIN A3  
SERIAL 6 INPUT PIN A24  
SERIAL 6 OUTPUT PIN A1  
SERIAL 7 INPUT PIN B23  
SERIAL 7 OUTPUT PIN B22  
SERIAL 8 INPUT PIN B7  
SERIAL 8 OUTPUT PIN B6  
ARINC 429 IN 1-A PIN C1  
ARINC 429 IN 1-B PIN C2  
ARINC 429 IN 2-A PIN C3  
ARINC 429 IN 2-B PIN C4  
ARINC 429 OUT 1-A PIN C5  
ARINC 429 OUT 1-B PIN C9

GTN 650/750

GPS ARINC-B P1001 PIN 67  
GPS ARINC-A P1001 PIN 48  
GPS ARINC-B P1001 PIN 29  
GPS ARINC-A P1001 PIN 10  
VOR ARINC-B P1004 PIN 23  
VOR ARINC-A P1004 PIN 24  
SERIAL 1 OUT PIN 8  
SERIAL 1 INPUT PIN 27

NAVWORX ADS-600B

DISPLAY OUTPUT PIN 5  
DISPLAY INPUT PIN 24  
ENCODER INPUT PIN 7  
SUPPRESSION OUT PIN 35

TRIG TT22 TXP

TRIG ADPTR  
SUPPRESSION PIN 18  
CH 1 DISPLAY PIN 2  
CH1 DISPLAY PIN 3  
CH2 DISPLAY NOTE 4\*\* PIN 8  
CH2 DISPLAY NOTE 4\*\* PIN 9

GRT EIS

PIN 11 SERIAL OUTPUT

AUDIO PANEL MODULE

J2 PIN 29 OUTPUT  
J2 PIN 17 INPUT

AHRS 2

PIN 1 OUTPUT 1  
PIN 5 INPUT 1  
PIN 3 OUTPUT 2

COMM 2 MODULE

PIN 5 OUTPUT  
PIN 2 INPUT

EFIS DISPLAY UNIT 2

SERIAL 1 INPUT PIN A20  
SERIAL 1 OUTPUT PIN A2  
SERIAL 2 INPUT PIN A19  
SERIAL 2 OUTPUT PIN A4  
SERIAL 3 INPUT PIN A23  
SERIAL 3 OUTPUT PIN A25  
SERIAL 4 INPUT PIN A21  
SERIAL 4 OUTPUT PIN A5  
SERIAL 5 INPUT PIN A22  
SERIAL 5 OUTPUT PIN A3  
SERIAL 6 INPUT PIN A24  
SERIAL 6 OUTPUT PIN A1  
SERIAL 7 INPUT PIN B23  
SERIAL 7 OUTPUT PIN B22  
SERIAL 8 INPUT PIN B7  
SERIAL 8 OUTPUT PIN B6  
PIN C1 ARINC 429 IN 1-A  
PIN C2 ARINC 429 IN 1-B  
PIN C3 ARINC 429 IN 2-A  
PIN C4 ARINC 429 IN 2-B  
PIN C5 ARINC 429 OUT 1-A  
PIN C9 ARINC 429 OUT 1-B

PITCH SERVO

PIN 8 MULTI-PLEX OUT  
PIN 2 SERIAL IN

A/P SRC SELECT

EFIS 2  
OUTPUT  
EFIS 1

ROLL SERVO

PIN 2 SERIAL IN  
PIN 8 MULTI-PLEX OUT