

# Technical Data



WATKINS-JOHNSON

May 1995

## Front Panel Unit WJ-9605



### Description

The WJ-9605 is a detached front panel unit (FPU) with Input/Output (I/O) connectors located on a rear-panel shelf. The FPU consists of:

- 8-line by 40 character, backlit, supertwist LCD
- Numeric keypad
- Parameter adjust encoder
- Tuning encoder
- Softkeys

An operator controls the unit from the softkeys and LCD panel. The softkeys along the left side of the display allow menu selection, while the keys under the display allow function selection on the current menu. The keypad and encoder are then connected to the current selected function.

The FPU includes menus based on operations:

- **SELECTION** - allows the operator to select the device for control
- **MANUAL** - permits control of the receiver while in the manual, fixed-frequency operational mode

### Features

- *Portable front panel for up to 2 receivers, or remote front panel for WJ-8700 Dual VLF/HF Receiver, WJ-9902 & WJ-9908 Equipment Frames*
- *WJ Receiver Net Controller*
- *Operator audio from the controlled receiver*
- *Receiver control for: WJ-8607, WJ-8607A, WJ-8609A, WJ-8654 or WJ-8809A*

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- **MEMORY** - allows editing of receiver memory channels off line of the current receiver operation
- **SWEEP** - permits control of the receiver sweep mode
- **LOCKOUT** - allows editing of the receiver lockout memory
- **CONFIGURATION** - used to set up I/O configurations of the Multi-receiver FPU

## Specifications

### Interfaces

SIO1 .....	RS-232 for control of receiver #1 or communications with Host Card of no front panel (NFP)
SIO2 .....	RS-232 for control of receiver #2
Net .....	RS-485 for net control
Headphone .....	Amplified output from selected receiver

**Operating Temperature Range** ..... 0 to +50°C

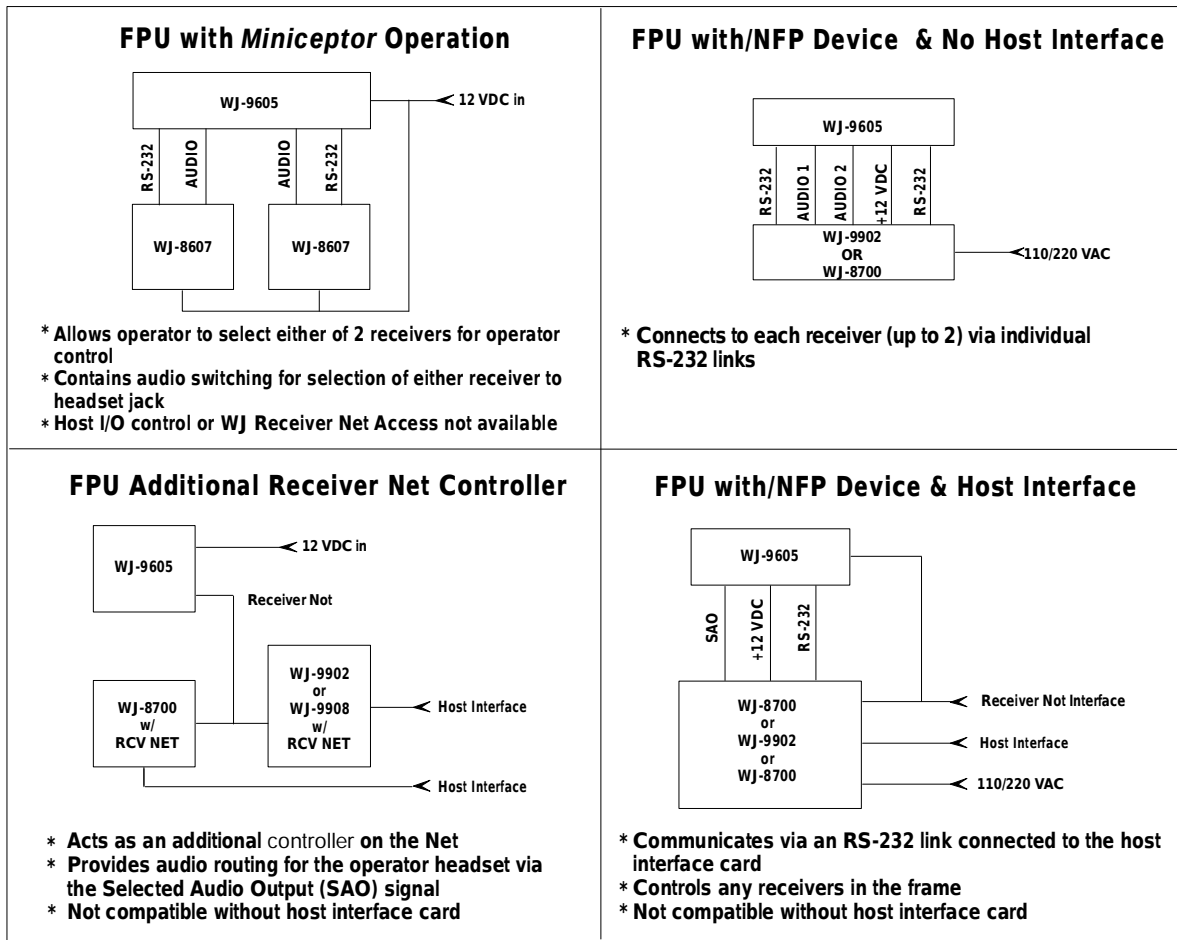
**Power Requirements** ..... 10 to 14 Vdc

**Power Consumption** ..... 5 W

### Weights & Dimensions

Height	Width	Depth	Weight
3.5 in.* (8.89 cm)*	8.3 in.* (21.08 cm)	3.0 in.* (7.62 cm)*	2.1 lbs. (0.95 kg)

\*Excluding knobs and connectors



**Figure 1. WJ-9605 FPU Configurations**