# EKP-3016

## Expansion Keypanel

## Specifications

**LCD Display**

Active Area

120.10mm (wide) x 18.77mm (high)

Dot Resolution

576 x 90 pixels

Color Resolution

16-bit (64K) RGB color

View Angle

80 degrees (typical; all directions)
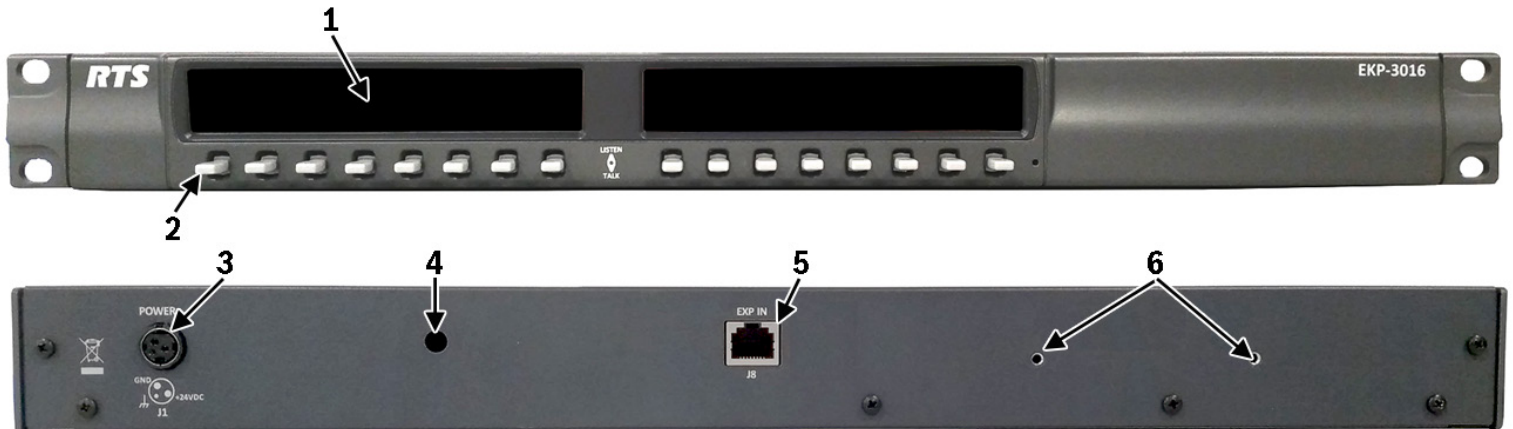
**Connector**

EXP IN

EXP OUT

**General**

Storage Temperature

-40°C to 70°C (-40°F to 158°F)

Operating Temperature

0°C to 55°C (32°F to 131°F)

Dimensions

441.82mm W x 43.8mm H x 98.5mm D
(17.39" x 1.72" x 3.92")

Weight

2.95lb (1.34kg)

Power Consumption

Nominal - 6 Watts

Maximum - 7 Watts

Maximum Voltage Amp - 36 VA

Input Power

100~240VAC, 50–60Hz

# EXP-3016 Expansion Panel Reference View

NOTE: The EKP-3016 is not compatible with the KP-5032 or KP-4016 keypanels.
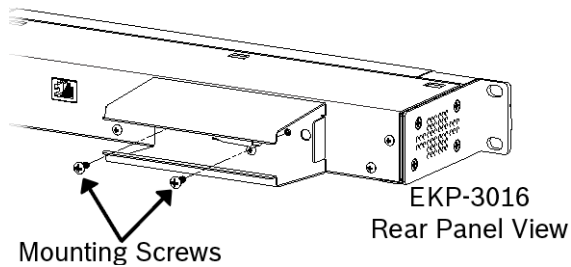


1. Display Screen
2. Expansion Keys
3. AC/Power

4. Power Supply Cable Tie Mounting Hole
5. RJ-45 Expansion IN
6. Power Supply Bracket Mounting Holes
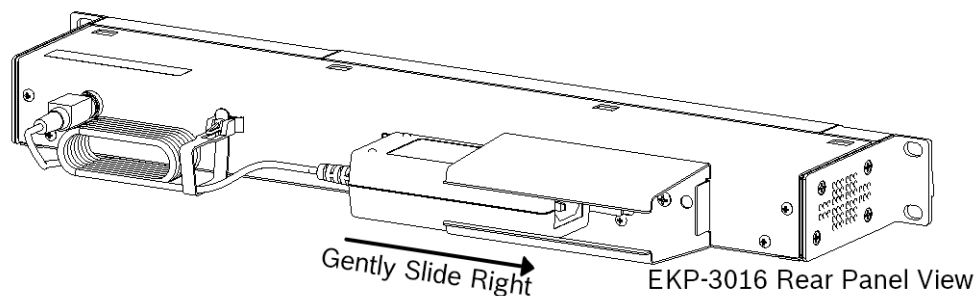
# Mounting the Power Supply to EKP-3016

To **mount the power supply mounting bracket to an EKP-3016**, do the following:

1.  Align the **power supply mounting bracket screw holes** with the appropriate mounting holes on the rear panel of the EKP-3016 unit.

2.  Using a screwdriver, attach the **power supply mounting bracket** with the two (2) supplied screws.



EKP-3016
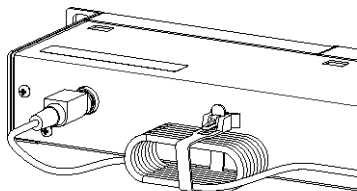Rear Panel View

Mounting Screws

3.  Attach the **power supply cable tie clip** to the predefined clip mounting hole on the rear of the keypanel unit.

4.  From the left-hand side of the mounting bracket, carefully slide the **power supply** into the bracket.

    **NOTE**:  The Frame and EXP OUT connections cannot be populated until the power supply mounting bracket is fully installed.



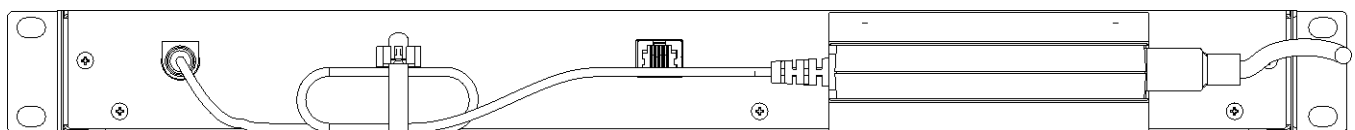Gently Slide Right          EKP-3016 Rear Panel View

5.  Attach the **DC power connector** to the unit.

6.  Carefully **coil the power supply cord** and insert it into the cord clip.
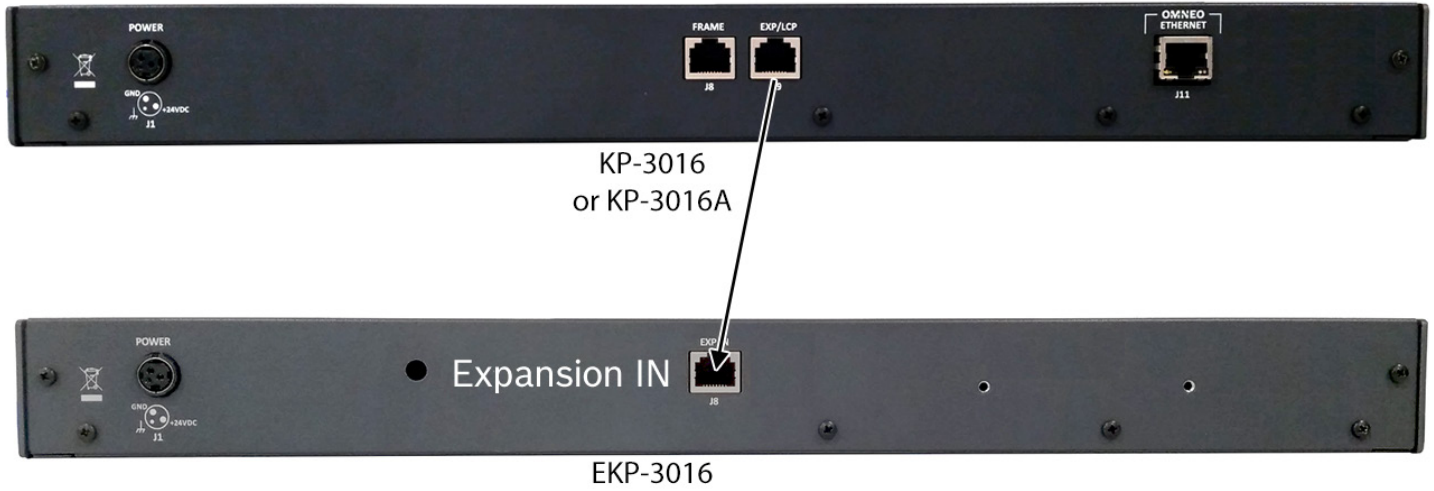


EKP-3016 Rear Panel View

7.  Attach the **AC power connector** to the power outlet on the power supply.



8.  Plug the **power cord** into an electrical outlet.

# Expansion Panel Cabling Reference



KP-3016
or KP-3016A



EKP-3016

| RJ-45 EXP IN (expansion) | |
|---|---|
| Pin | Assignment |
| 1 | NC |
| 2 | NC |
| 3 | NC |
| 4 | NC |
| 5 | NC |
| 6 | NC |
| 7 | RS485+ |
| 8 | RS485- |

| RJ-45 EXP OUT (expansion) | |
|---|---|
| Pin | Assignment |
| 1 | NC |
| 2 | NC |
| 3 | NC |
| 4 | NC |
| 5 | NC |
| 6 | NC |
| 7 | RS485+ |
| 8 | RS485- |