

### 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

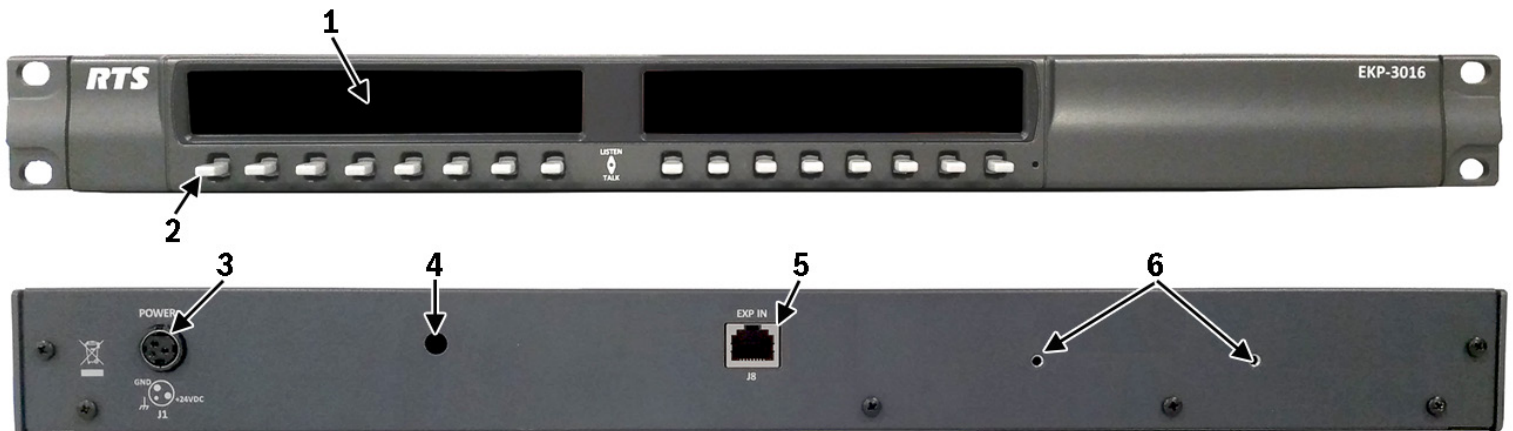
Maximum - 7 Watts

Maximum Voltage Amp - 36 VA

Input Power

100~240VAC, 50~60Hz

#### EXP-3016 Expansion Panel Reference View

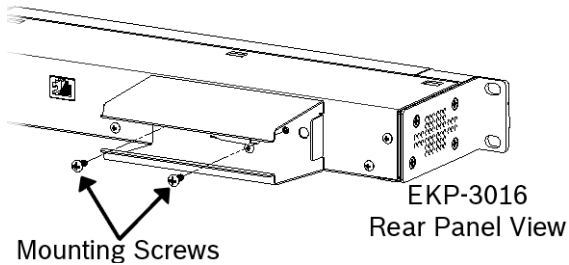


1. Display Screen
2. Expansion Keys
3. AC/Power
4. Power Supply Cable Tie Mounting Hole
5. RJ-45 Expansion IN
6. Power Supply Bracket Mounting Holes

# Mounting the Power Supply to EKP-3016

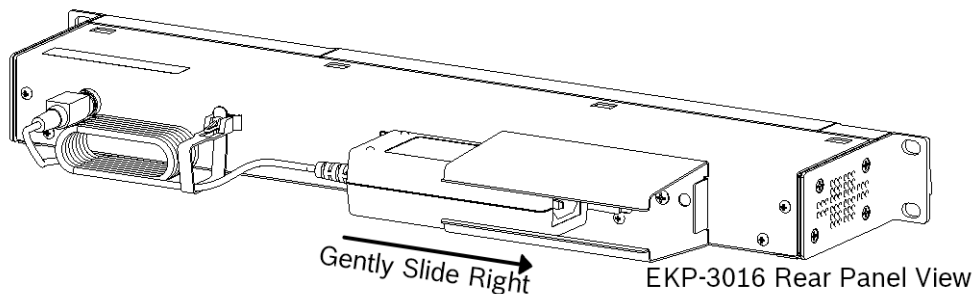
To mount the power supply mounting bracket to an EKP-3016, do the following:

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.

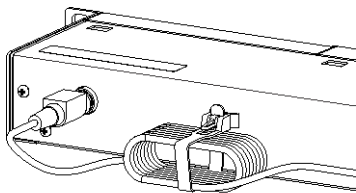


3. Attach the **power supply cable tie clip** to the predefined clip mounting hole on the rear of the keypanel unit.
4. From the left-hand side of the mounting bracket, carefully slide the **power supply** into the bracket.

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

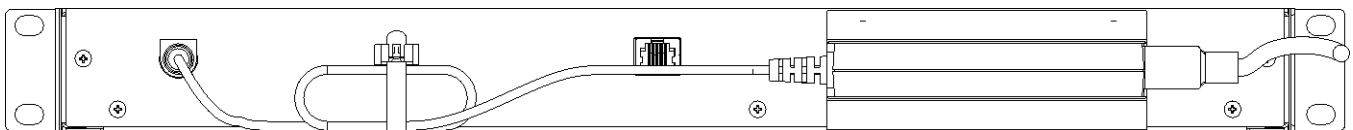


5. Attach the **DC power connector** to the unit.
6. Carefully **coil the power supply cord** and insert it into the cord clip.



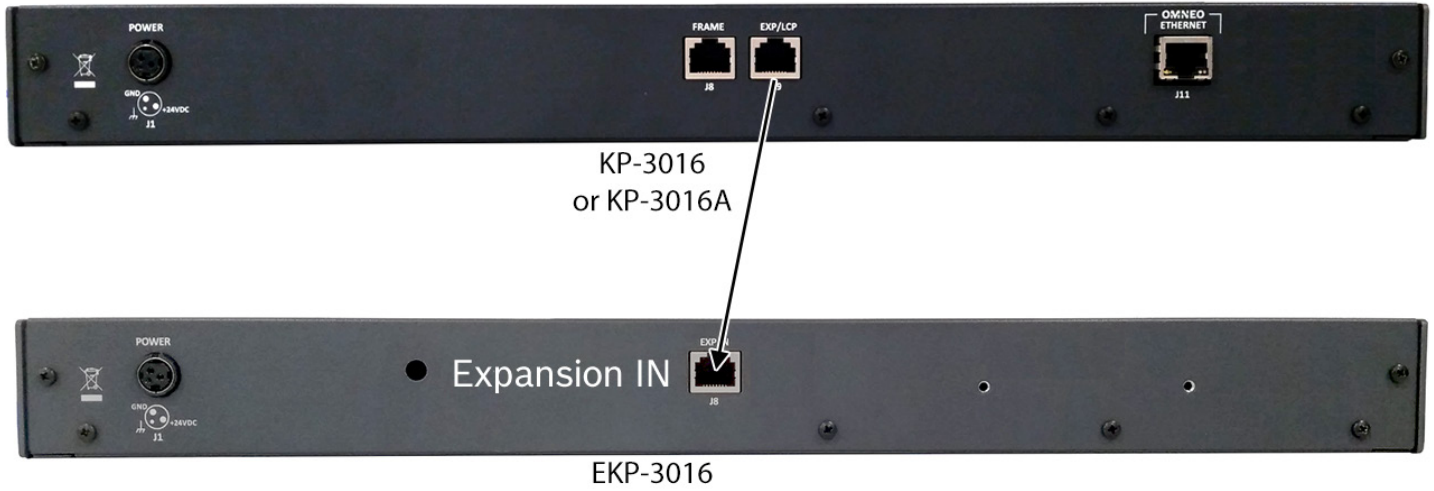
EKP-3016 Rear Panel View

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



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-