Checking the LEDs

Control Unit LEDs

LED	Description	
Optional SD	· **Off** = Card shutdown. · **Green on** = Card present. · **Green flashing** = Card in use. · **Orange steady** = Reset imminent.	· **Red flashing** = Card initializing or shutting down. · **Red fast flashing** = card full · **Red steady** = Card failure/wrong type.
System SD		
CPU	· **Alternate red/green** = Starting up. · **Green on** = Okay.	· **Red on** = No software. · **Flashing Red** = Error/Shutdown.

Base Card LEDs

Base Card	LEDs 1 to 8 Usage
All Cards	· LED1 is also used for base card status: · **Red On** = Error · **Red Slow Flash** = Initializing. · **Red Flash every 5 seconds** = Card okay. · **Red Fast Flash** = System shutdown.
IP500 Analog Phone	· No status LEDs are used for analog phone extensions.
IP500 Digital Station	· **Green On** = Phone detected.
IP500 Combination	LEDs 1 to 6 · **Green On** = Phone detected.
IP500 VCM	· LEDs 1 to 8 are unlabelled. They are used to indicate voice compression channel usage. Each LED lit represents 12.5% of the available voice compression channel capacity in use (total card capacity rather than licensed capacity).
IP500 4-Port Expansion	LEDs 1 to 8 are used for the expansion ports on the rear of the control unit. LEDs 9 to 12 are used for the card's own expansion ports.

Green	On	Expansion module present.
Red	Flashing	Initializing.
Red	On	Error.
Orange	Regular Flash	Base card okay.

Trunk Daughter Card LEDs

Trunk Daughter Card	LEDs 9 to 12 Usage
All cards	· LED 9 is also used for daughter card status. · **Red On** = Error · **Red Slow Flash** = Initializing. · **Red Flash every 5 seconds** = Card okay. · **Red Fast Flash** = System shutdown.
Analog Trunk	· **Green on** = Card fitted. · **Green flashing** = Trunk in use.
PRI Trunk	· **Off** = No trunk present. · **Green on** = Trunk present. · **Green flashing** = Trunk in use. · **Red/Green Fast Flash** (port 9) or **Green Fast Flash** (port 10) = Alarm indication signal (AIS) from the trunk remote end.

| · **Green on** = Trunk present. |
| · **Green flashing** = Trunk in use. |

External Expansion Module LEDs

· Green on = Module okay.

· Red flashing = Module starting up/Loading firmware.

· Green flashing = Module starting up/Loading firmware (IP500 DS16A/30A module).

· Red on = Error.