



# Deklin Technologies

## DT100 Telephone Handset and Base

The Deklin Technologies DT100 analog telephone handset is a practical and economical solution for today's aircraft telephone systems. Its sleek comfortable lightweight design fits easily into any cabin decor. It has advanced features such as a noise reduction microphone and adjustable volume control with user friendly operation. Additional features include last number redial, 10 memory speed dial numbers, flash, hold and mute. The keypad lights up when the phone is taken Off Hook to aid the user in dialing. The locking base requires minimal space while providing maximum mounting flexibility and security.

The Tip and Ring telephone circuit connects to most general aviation transceivers. The lit keypad is located on the back of the handset for easy access. The number and junction keys are clearly marked and easy to use.

- **Practical and Economical**
- **User Friendly Operation**
- **Large LCD Display**
- **Lighted Keypad**
- **Volume Control**
- **Speed Dial Memory**
- **Six Foot Coil Cord**
- **Locking Base**
- **FAR25.853 Flame Tested**







## **DT100 Telephone Handset**

### ***General Specifications:***

|                                |                                      |
|--------------------------------|--------------------------------------|
| Case Material:                 | Flame Retardant ABS, Polyac® PA-766  |
| Flame Retardant Qualification: | FAR25.853 Part1, (a),(1),(v)         |
| Dimension:                     | 7.51" x 1.85" x 2.47" (192x47x63 mm) |
| Operating Temperature:         | -5F to 105F (-20C to +40C)           |
| Survival Temperature:          | -40F to +158F (-40C to +70C)         |
| Humidity:                      | 95%                                  |
| Altitude:                      | 35,000 ft Max                        |
| Weight:                        | 0.5 Lbs (0.23 kg)                    |
| Connectors:                    | RJ11/6 Jack OR SD9M10JV50 9 D-Sub    |

### ***Input Specifications:***

|                |                          |
|----------------|--------------------------|
| Input Voltage: | 22-33VDC (27VDC Nominal) |
| Current:       | 0.5A (Nominal)           |
| Fuse Rating:   | 1A                       |

### ***Interface Specifications***

|                        |                                   |
|------------------------|-----------------------------------|
| Telephone Line Inputs: | 1                                 |
| Telephone I/F:         | 2 Wire Analog POTS                |
| Distortion:            | <5%                               |
| Ringing Voltage:       | 90VAC±15V (no load)               |
| On Hook Voltage:       | -48VDC (with respect to airframe) |
| Off Hook Voltage:      | -5VDC (with respect to airframe)  |