

# MT-350 Mobile Trunk

**MT-350** gives you both a reduced phone bill  
and a healthier environment

**MT-350S:** Add SMS Function  
(Short Message Service)



## Function

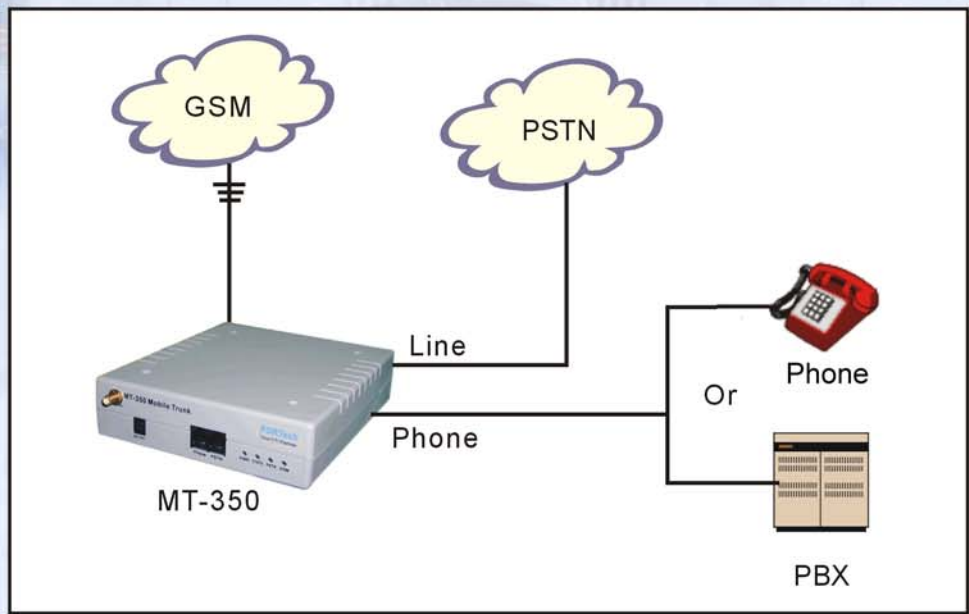
- Conversion of wire & wireless communication
- Auto-select economic route
- Code Conversion Setting :Through the connection towards local PSTN line, the phone calls will proceed with code-transfer dialing process.
- Set the Allow-to-Dial Code
- Set GSM dial-out code amount
- Polarity reversing function
- Definition of DTMF reversing signal
- Limit of communicating time
- Set up GSM extra dialing local code
- Set up extra dialing local-code to PSTN
- GSM simulated echo-bell-sound function
- GSM isn't ready, call will be forced to dial out from PSTN
- Setting of Specific Call-Transfer: PSTN TO GSM, GSM TO PSTN, GSM call-Transfer setting time to PSTN , DTMF definition of reversed signal
- MT-350S: Add SMS Function(Short Message Service)

## Full Automatic Economic Router

"MT-350" has the function to choose route automatically. When you dial out from your "MT-350", it will check if this is belong to the Inter-Network number automatically. If yes, then it will dial out from the mobile and send two "beep" tones to ensure it really dial out from the mobile. If not, it will still dial out from the Central Office, CO line; it will dial out from your mobile without distinguishing if you don't connect the CO line.

# MT-350 MT-350

## Structure



## Specification

- Phone Impedance: Below DC 1k $\Omega$ , AC 600 $\Omega$ . (not include line)
- Phone Ring Output Voltage: 45V rms.
- Phone Signal (DTMF) Standard: -3dbm~-24dbm.
- Phone Signal (DTMF) Time: 50~100ms.
- DTMF Frequency Rate Error:  $\pm 1\%$ .
- Feeder Voltage: 48V.
- AC Adapter: Input 110V/220V AC, Output 12V DC 1A.
- GSM Specification :
  - I. GSM Frequency bands: Dual Band EGSM 900 and GSM 1800(GSM Phase 2+)
  - II. GSM class: Small MS
  - III. Transmit power:
    - Class 4(2W) for EGSM 900
    - Class 1(1W) for GSM 1800
  - IV. SIM card reader: External - connected via interface connector
  - V. Antenna: 50 Ohm antenna coaxial connector
  - VI. Temperature range :
    - Normal operation: -20 $^{\circ}$ C to +55 $^{\circ}$ C
    - Restricted operation: -25 $^{\circ}$ C to -20 $^{\circ}$ C and +55 $^{\circ}$ C to 70 $^{\circ}$ C
    - Storage: -40 $^{\circ}$ C to +85 $^{\circ}$ C