

# Coronet

The key telephone system





The STC Coronet is a digital key system designed to help the efficient running of your business. From the initial concept, Coronet has been developed to be easy to use, smart and stylish.

Each of the featurephones, Sapphire, Ruby\* and Executive\* make every feature available at the touch of a button. No complicated codes to remember. Coronet has also dispensed with all those flashing lights that confuse on other systems. It has one LED to tell you that there is something on the display that you need to know. And that sophisticated liquid crystal display guides you through the use and status of all features.

Coronet is a port-orientated system, of up to 40 ports. This makes it extremely flexible with virtually any combination of exchange lines, extensions or tie lines possible.

Over a hundred features are built into Coronet, helping to put you in charge of your communications.

\*Available end 1985



#### Crystal

- ☐ electronic ringer
- ☐ lightweight handset
- ☐ pushbutton keypad
- ☐ Speak, Program and Hold keys
- ☐ monitor speaker for handsfree dialling
- ☐ personal store of 10 external numbers
- ☐ call back

#### Sapphire

All the features of the terminal plus:

- ☐ advanced alpha liquid crystal display
- ☐ nine dedicated features
  - call forward a
  - conference
  - no calls (do not disturb)
  - group opt in/out
  - intrude (polite)
  - call back
  - camp on busy
  - divert calls
  - call pick up
- ☐ five programmed features
  - named key calling
  - manager/secretary
  - operator features
- ☐ time of day display
- ☐ bright red attention light
- ☐ access to 40 central external numbers

# CORONET – THE KEY TELEPHONE SYSTEM

## GENERAL PRODUCT FEATURES

### Making Calls

- ☐ live keypad
- ☐ dialled number display
- ☐ on-hook dialling
- ☐ last number redial
- ☐ save number redial
- ☐ 10 number personal speed call
- ☐ named key calling
- ☐ display called party status
- ☐ voice calling
- ☐ 40 number common speed call
- ☐ electronic 'lock' for external dialling
- ☐ passcode control
- ☐ call back when free

- ☐ call back, no answer
- ☐ automatic camp-on to trunk
- ☐ automatic call queueing to operator
- ☐ camp-on to internal number
- ☐ polite interrupt
- ☐ executive intrusion
- ☐ internal call waiting indication
- ☐ external call waiting indication
- ☐ hot line

### Receiving Calls

- ☐ discriminating ringing
- ☐ attention light
- ☐ call hold
- ☐ call pick-up with display before answer
- ☐ call waiting source display

- ☐ display of 'who call is for' on shared phone
- ☐ display of calling party identification before answer
- ☐ visual display of phone status
- ☐ group opt in/opt out
- ☐ do not disturb
- ☐ divert whilst ringing
- ☐ cancel divert whilst ringing
- ☐ automatic call distribution
- ☐ private line
- ☐ display if call diverted

### Three Party Calls

- ☐ transfer to ringing
- ☐ transfer to busy
- ☐ enquiry call
- ☐ brokers call
- ☐ divert all calls
- ☐ divert on ringing

- ☐ divert on busy
- ☐ divert on no answer
- ☐ call forward
- ☐ follow me
- ☐ three party conference
- ☐ display of on-hold status
- ☐ PABX recall

### Manager/Secretary

- ☐ single or multiple manager
- ☐ single or multiple secretary
- ☐ visual display of manager free/busy/no calls
- ☐ visual display of secretary free/busy/no calls
- ☐ voice calling
- ☐ polite interrupt
- ☐ external call waiting display
- ☐ single key calling to manager/secretary





#### Ruby

All the features of the Crystal and Sapphire terminals plus:

- ☐ full handsfree operation for dialling and conversation
- ☐ loudspeaker volume control
- ☐ mute key



#### Executive

All the features of the Crystal, Sapphire and Ruby terminals plus:

- ☐ additional 16 character alphanumeric LCD display
  - external telephone number dialled shown in full
  - name of person calling on internal calls
  - aids programming with instructions shown in English
- ☐ adjustment of viewing angle on 16 character display

The range of features on the terminals can be changed just by entering a password into a designated featurephone. It becomes a System Manager terminal and day-to-day reprogramming can be done quickly and easily. For more fundamental changes, the hand-held Change Controller, which plugs into the control unit gives full access to all the system variables, and can also perform diagnostics.

The control unit has an industry-standard RS232 port into which a printer can be plugged so that a hard copy of, for example, traffic statistics, details of calls and their duration or the system repertory directory can be obtained.

## THAT CAN GROW WITH YOUR BUSINESS

- ☐ call filtering

#### Operator Features

- ☐ external call park
- ☐ visual reminder of call parked
- ☐ display of call waiting
- ☐ operator intrusion
- ☐ dial ahead whilst speaking
- ☐ broadcast to all free terminals
- ☐ call monitoring
- ☐ call breakdown
- ☐ automatic reversion of unanswered trunks
- ☐ night service override
- ☐ automatic night service
- ☐ display of trunk line status
- ☐ change system timeouts
- ☐ fault diagnosis

- ☐ change extension numbers
- ☐ request printouts
- ☐ automatic recognition of position manned/unmanned

#### System Manager Features

Changes can be made with designated terminals or hand-held Change Controller

- ☐ change system clock
- ☐ change system timeouts
- ☐ change call barring status
- ☐ change/add/delete extension numbers
- ☐ access diagnostic information
- ☐ printout fault log
- ☐ printout call data
- ☐ printout statistics
- ☐ printout traffic data

- ☐ printout internal directory
- ☐ set up hunting groups
- ☐ set up hot line
- ☐ set up night service groups
- ☐ password control
- ☐ trunk priority management
- ☐ set up trunk groups
- ☐ set up trunk answer code
- ☐ control 40 number common speed call list
- ☐ define local area code restriction
- ☐ automatic system start up

#### System Features

- ☐ 40 ports
- ☐ only one port per extension or trunk
- ☐ up to 20 trunks

- ☐ preprogrammed system
- ☐ simple to reprogram
- ☐ terminal diagnostics
- ☐ system diagnostics
- ☐ non-volatile memory
- ☐ simple snap-in wiring method
- ☐ light easily handled units
- ☐ 2 pair wiring to featurephones
- ☐ tie lines
- ☐ power fail transfer
- ☐ automatic restart after power fail
- ☐ incoming call barring
- ☐ outgoing call barring
- ☐ local area definition



# Coronet – the key telephone system



## Dimensions

**Control unit**  
396 mm × 558 mm × 142 mm  
**Crystal terminal**  
142 mm × 220 mm × 78 mm  
**Sapphire terminal**  
240 mm × 220 mm × 78 mm  
**Ruby terminal**  
240 mm × 220 mm × 78 mm  
**Executive terminal**  
240 mm × 220 mm × 78 mm

## Weight

**Control unit**  
approximately 8 Kg  
**Crystal terminal**  
approximately 675 g  
**Sapphire terminal**  
approximately 950 g  
**Ruby terminal**  
approximately 1250 g  
**Executive terminal**  
approximately 1300 g

## Power

240 Vac ±10%, 50Hz  
250 VA maximum for 20 devices

## Temperature Range

**Working**  
0°C to 40°C  
**Storage**  
-20°C to +70°C

## Humidity

Up to 85% non-condensing at 40°C

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