Bell System (BSTL) BS-LX

Terminals
I   Call
R   Speech Out (Mic)
O   Common
T   Speech In (Speaker)
Z   Lock
V   + 12VDC
L   Door Contact

IMPORTANT NOTE :

1) Before replacing the handset make note of the wires to each terminal on the existing unit (an easy way is to cut each core off leaving a piece of the insulation in place with colour visible) twist unused cores together (so you know they are not used, do not short them out).

2) Some older systems will have cable with one coloured core and a solid white core in this case mark each core with a marker or tape.

3) Some systems may have loop on wiring, you will have 2 cables into your handset (make sure any joins remain, as these may be serving other flats on the system).

Setting Handset Up

BS-LX 12V DC Audio Phone

DIP Switch Settings

Ring Type(1)	Ringer Mute Times(5,6,7,8)			
[1] Min. Period	[5678]	No Mute	[567|]	1 hour
[Q] Short	[T678]	2 mins	[T67|]	2 hour
Door Monitor(2)	[5y78]	5 mins	[5Y7|]	4 hour
[2] N/C	[TY78]	10 mins	[TY7|]	5 hour
[W] N/O	[56U8]	15 mins	[56U|]	6 hour
Unlock Time(3,4)	[T6U8]	20 mins	[T6U|]	8 hour
[er] 1S [E4] 3S	[5YU8]	30 mins	[5YU|]	10 hour
[3R] 5S [34] 10S	[TYU8]	45 mins	[TYU|]	Toggle
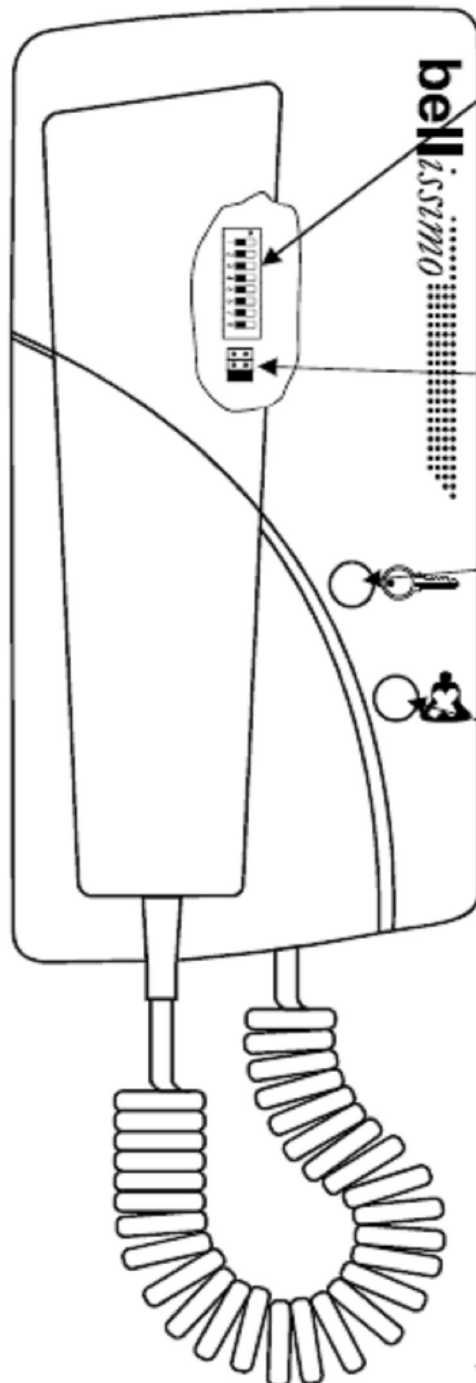
Ring Volume (3 Levels)

Unlock button
and Door Status Indicator
(green)

Buzzer Mute button
and Ring Status Indicator
(red)

Compatible with*
500X,500PX,500XT,
500LX,500PLX,500PLXT
Phones

*Assumes recommended cable
type and distances.

bell
system

PD-123 Issue 1

Wiring Diagram
Single Entrance DC Call
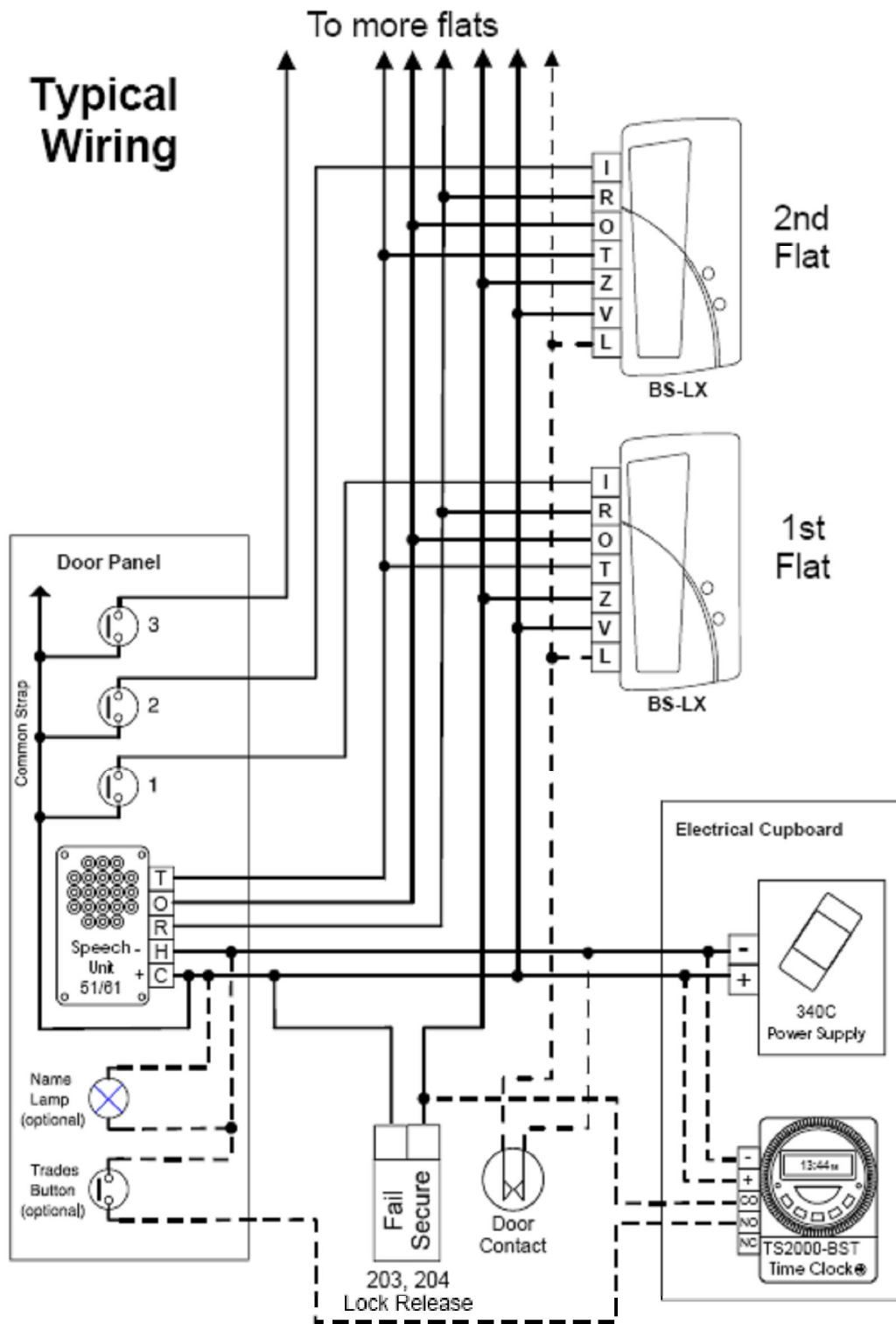
Wiring Diagram
2 Entrance DC call with 59S Switcher

Phone
I R O T Z

Distance to the Lock release:

25m - 0.5mm dia. CW1308
100m - 1.0mm² Twin and Earth

340
Power Supply

I R O T Z

59S
Telephone
Selector
SET TO DC

I R O T Z

I R O T Z

Speech Unit
51/61

+
C
H
R
O
T

Entrance
Panel

Speech Unit
51/61

+
C
H
R
O
T

Entrance
Panel

203/204
Lock
Release

NC
COM
NO

**Model 89
12V DC
Relay**

COIL

COIL

**Model 89
12V DC
Relay**

NC
COM
NO

203/204
Lock
Release

Wiring Diagram
2 Entrance System DC Call (M719S Switcher)

DIAGRAM 2: WIRING DIAGRAM FOR 2-DOOR ENTRYPHONE SYSTEM

TELEPHONES

M719S SWITCHING UNIT AND DC TELEPHONES

Models 801*, 801S*, 801P*, 801PS*, 500D, 500PD, 500X, 500PX, 500LX, 500LXT, 500PLX, 500PLXT

*1 TIME CLOCK MUST HAVE AN ISOLATED CONTACT

*2 U AND L CONNECTED ON 500LX, LXT, PLX, PLXT
NO L CONNECTION ON 500X AND 500PX
NO V OR L CONNECTION ON 801*, 801S*, 801P*, 801PS*, 500D AND 500PD

* CURRENT 801 SERIES PHONES ARE AC/DC COMPATIBLE, OLDER PHONES MAYBE AC ONLY.