Bell System (BSTL) 801 PS (Privacy) New Style

Terminals
I   Call
R   Speech Out (Mic)
O   Common
T   Speech In (Speaker)
Z   Lock

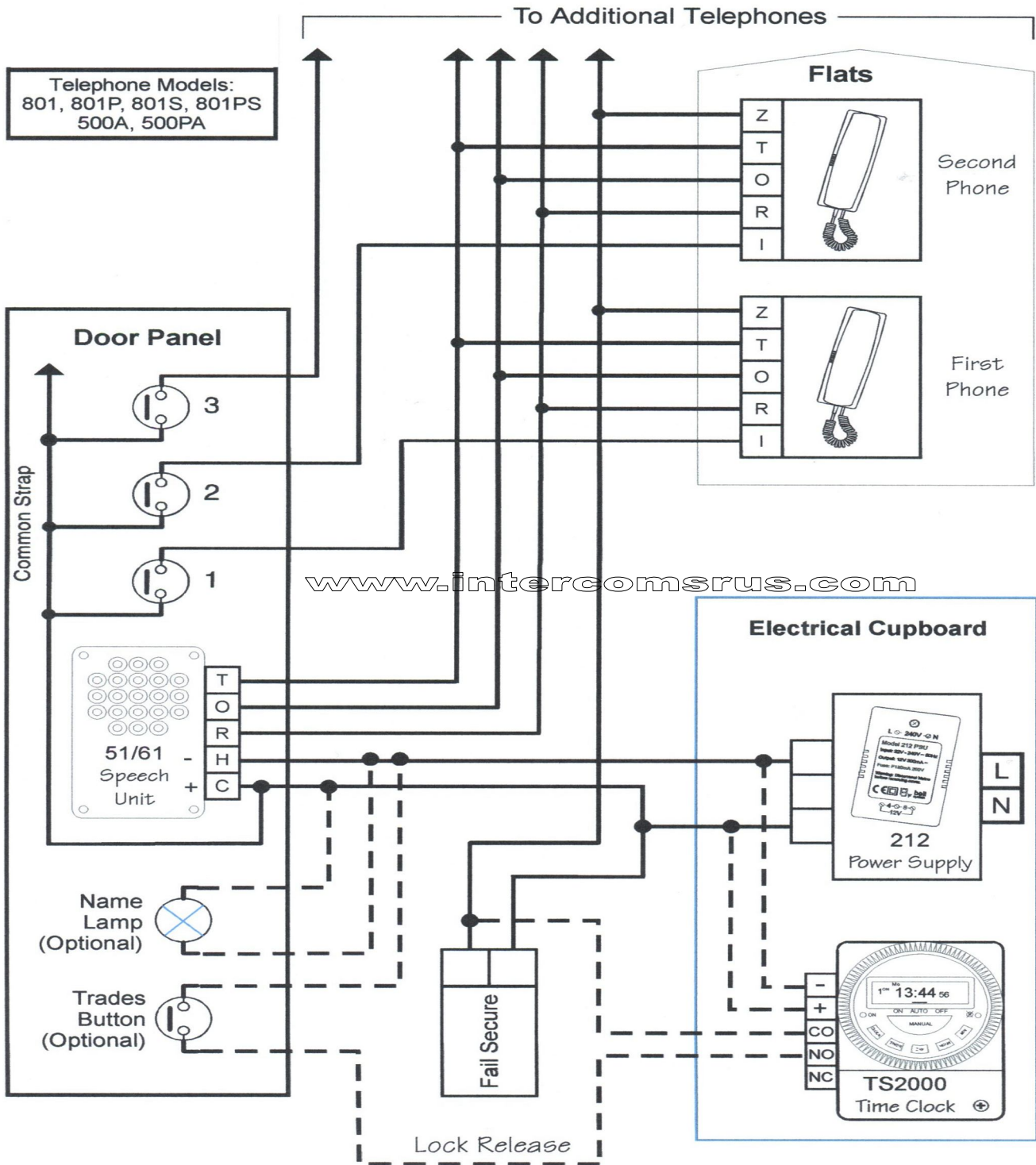**Note : Model shown is an 801PS with PRIVACY Function, handset is only live when called.**

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, <u>do not</u> 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 <u>loop on wiring</u>, you will have 2 cables into your handset (make sure any joins remain, as these may be serving other flats on the system).
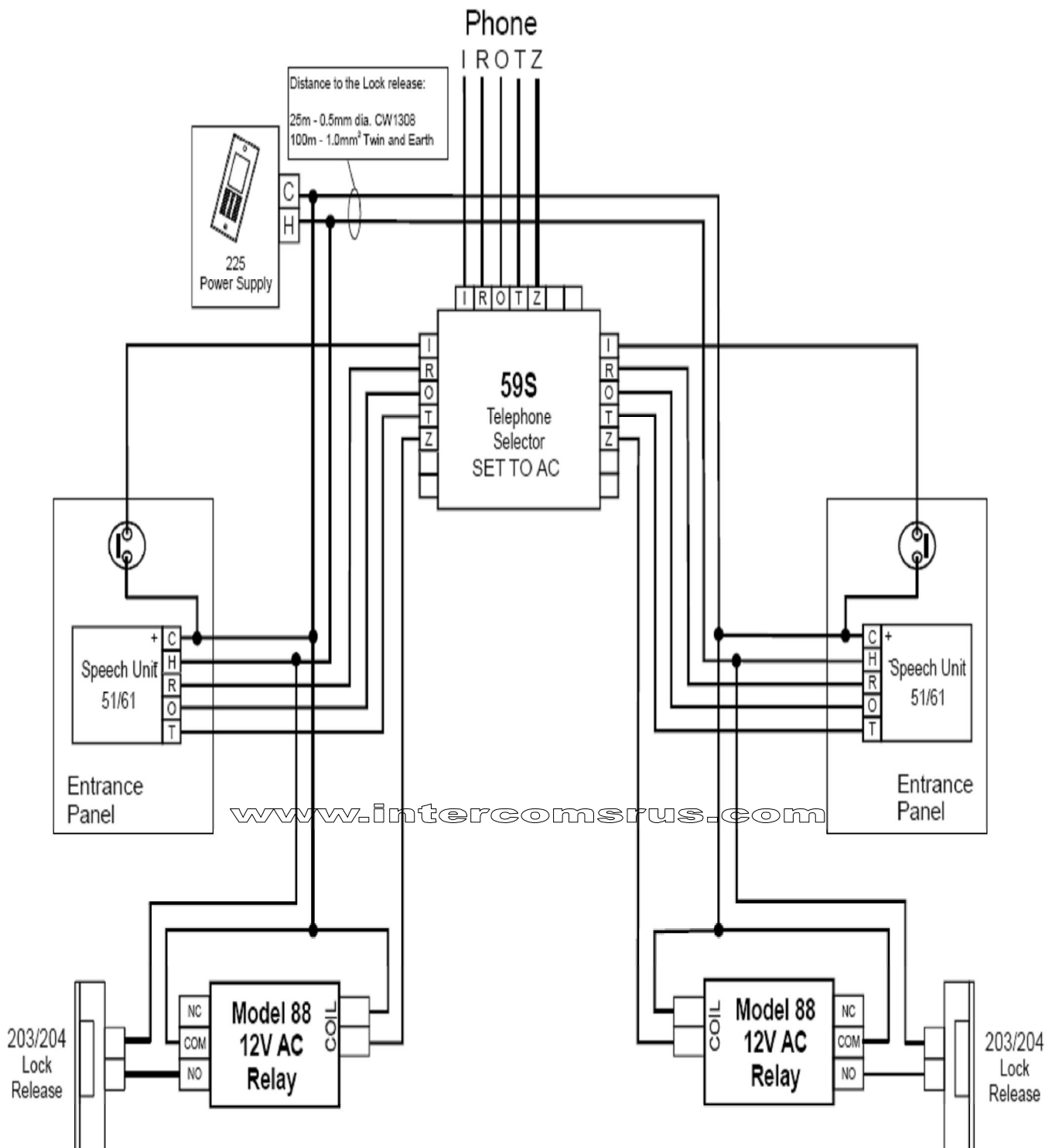
Wiring Diagram
Bell 801 Handsets 1 way 5 wire Audio

Wiring Diagram for AC Door Entry Systems upto 10 Telephones

To Additional Telephones

Telephone Models:
801, 801P, 801S, 801PS
500A, 500PA

Flats

Z T O R I

Second Phone

Z T O R I

First Phone

Door Panel

Common Strap

3

2

1

51/61 Speech Unit

T O R H C − +

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Electrical Cupboard

L ⊙ 240V ⊙ N
Model 212 PSU
Input: 50V-240V~50Hz
Output: P1 50mA 250V
12V

212 Power Supply

L
N

Name Lamp (Optional)

Trades Button (Optional)

Fail Secure

Lock Release

−
+
CO
NO
NC

Mo
1ᵀᴴ 13:44 56
ON AUTO OFF
MANUAL

TS2000 Time Clock

Wiring Diagram
2 Entrance AC 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

225
Power Supply

C
H

59S
Telephone
Selector
SET TO AC

I R O T Z

I R O T Z

Speech Unit
51/61

+
C
H
R
O
T

Speech Unit
51/61

+
C
H
R
O
T

Entrance
Panel

Entrance
Panel

203/204
Lock
Release

NC
COM
NO

Model 88
12V AC
Relay

COIL

COIL

Model 88
12V AC
Relay

NC
COM
NO

203/204
Lock
Release

Wiring Diagram
2 Entrance with AC Call and 719S Switcher

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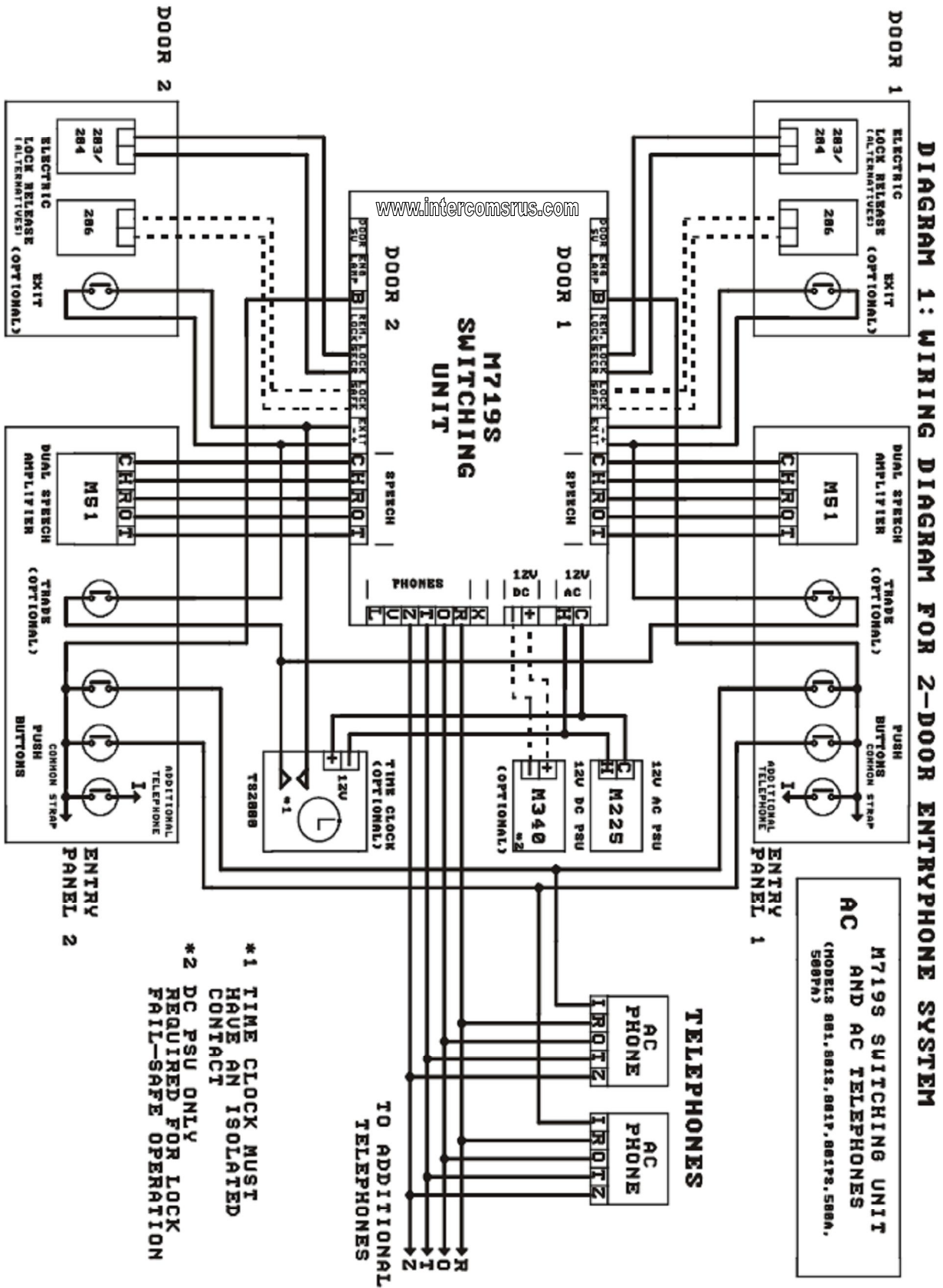
Wiring Diagram
2 Entrances AC call with RO9 Switcher

REST
OF
SYSTEM

LOCK

DOOR A

| C | H | R | O | T |

LOCK

DOOR B

| C | H | R | O | T |

H R O T Z

PHONES

I R O T Z

| 0A | 0B | 1A | 1B | 2A | 2B | 3A | 3B | 4A | 4B |

RO 9
TWO ENTRANCE RELAY

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| AC | 0 | + | - | SA | SB | 1 | 2 | 3 | 4 |

12VAC
P S U