

TL-3000 RS-232C Interface

1. Specifications

- 1) Mode : Asynchronous transmission
- 2) Baud rate : 2400bps
- 3) Data bit length : Seven bits
- 4) Parity condition : Even
- 5) Stop bit length : one bit
- 6) Data code : Ascii

2. Cable connection

TL-3000

D-sub 9pin (a male connector)

Pin No.	Sig. Name
1	
2	RxD
3	TxD
4	DTR
5	SG
6	DSR
7	RTS
8	CTS
9	
case	FG

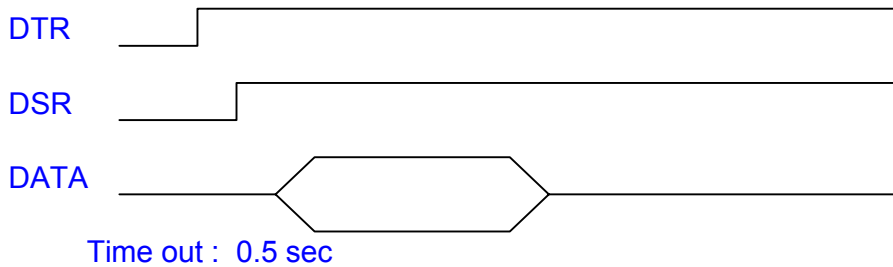
Computer

D-sub 9pin (a female connector)

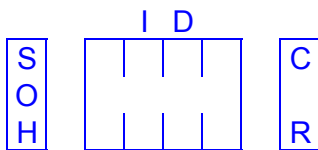
Sig. Name	Pin No.
	1
RxD	2
TxD	3
DTR	4
SG	5
DSR	6
RTS	7
CTS	8
	9
FG	case

shielded wire

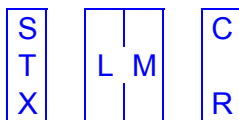
3. Communication sequence



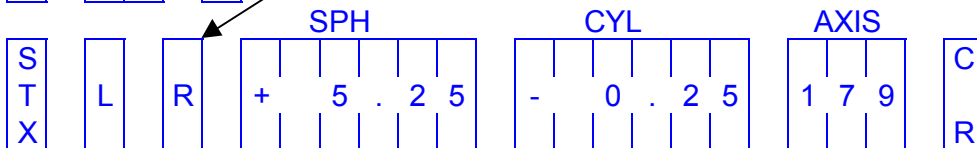
4. Data format



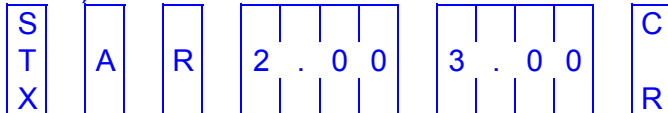
SOH : 01H
 STX : 02H
 CR : 0DH
 EOT : 04H



R: right L: left



(addition)



(prism) STX P R PX(Horizontal) PY(Vertical) C
 TX 2 . 0 0 - 0 . 2 5 R
 PX+:out PY+ : up
 -: in -: down

(PD) STX D R RPD C
 TX 3 2 . 5 R

STX L L SPH CYL AXIS C
 TX 3 . 0 0 - 0 . 7 5 8 9 R

(addition) STX A L ADD1 ADD2 C
 TX 1 . 5 0 2 . 5 0 R

(prism) STX P L PX(Horizontal) PY(Vertical) C
 TX 1 . 5 0 - 0 . 5 0 R
 PX+:out PY+ : up
 -: in -: down

(PD) STX D L LPD C
 TX 3 0 . 5 R

EOT C
 TR