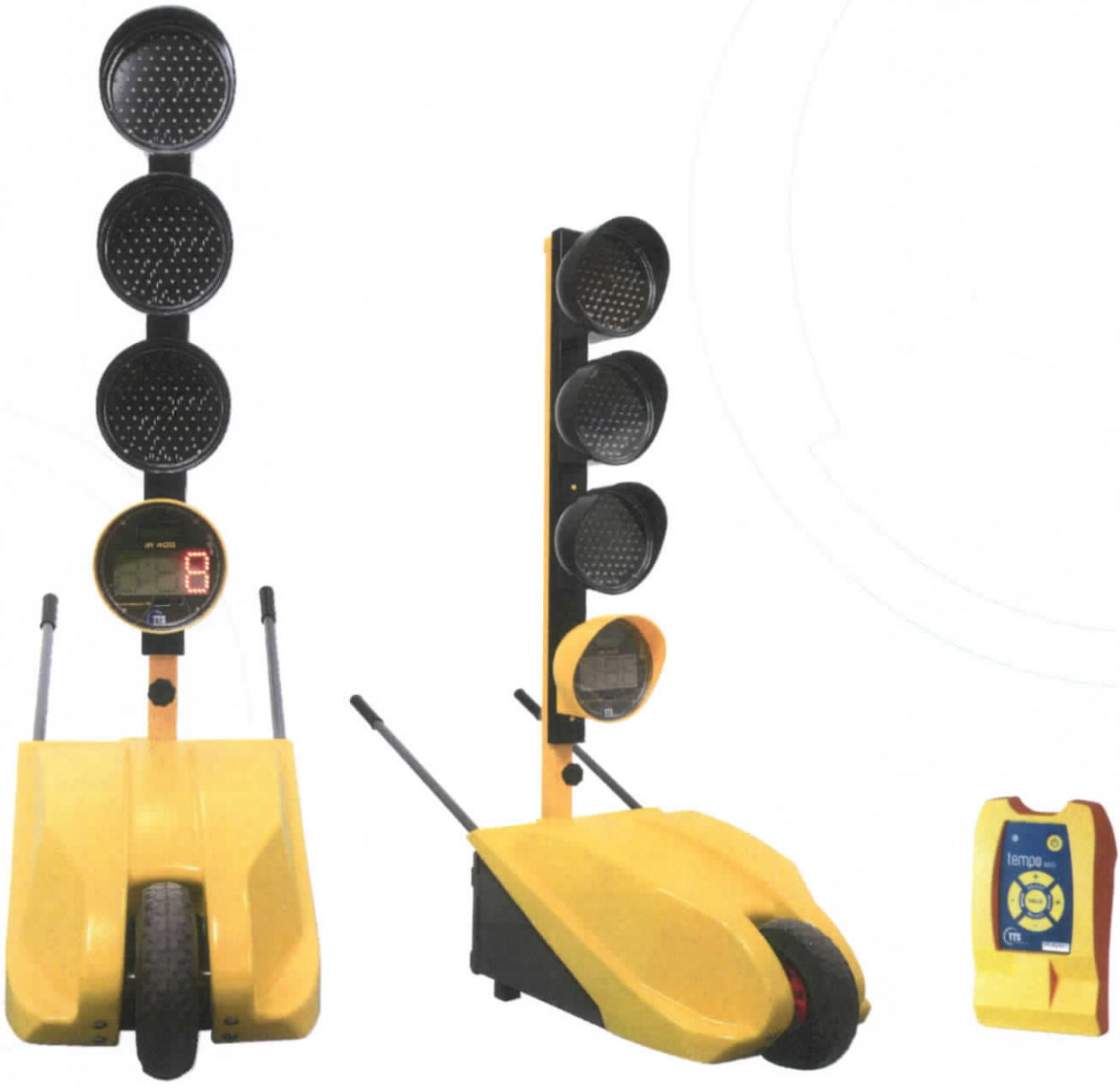
Le Monde change, TTS innove

DIRECTIONS FOR USE

TEMPO TRAFFIC LIGHT

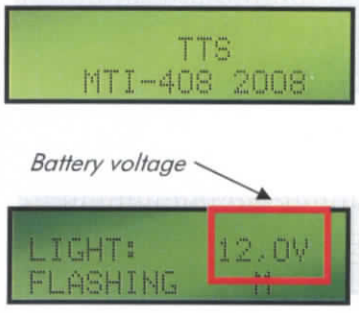


Z.I. 1ère Avenue 2e Rue BP 594 06516 Carros Cedex - Tél : 04 92 08 29 99 - Fax : 04 92 08 29 90
www.ttsys.eu

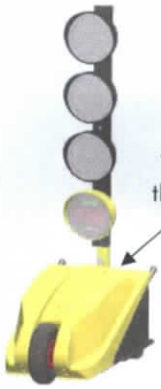
tempo

TRAFFIC LIGHT OPERATING

SWITCH ON



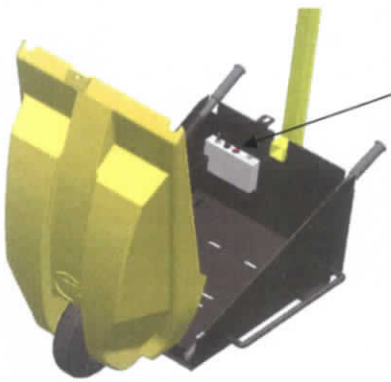
Display when switched on



To operate the Tempo traffic light, switch on the starting button located in the battery box.

At that time, the Tempo traffic light is in a waiting state « central orange light flashing »

CONTROL MANAGEMENT



Control Management with pushing button

Selection of the different modes by successive pression on the button

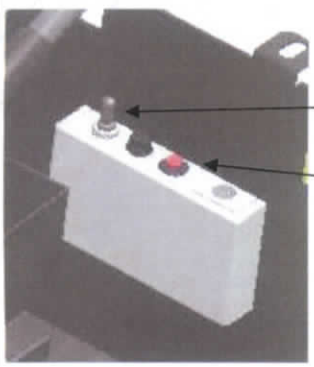
-Flashing orange
-Stand by
-Red only
-Fixed cycle when traffic light is programmed otherwise « not synchrinized » displayed

Control Management with remote control

Selection of the different modes by Successive pression on « MODE »:

-Fixed cycle
-Uneven traffic
-Free cycle
-Crossroad 3T
-Crossroad 3X
-Crossroad 4T
-Crossroad 4X

SWITCH OFF



Turn the switch to « OFF » and maintain pression on the button during 5 seconds

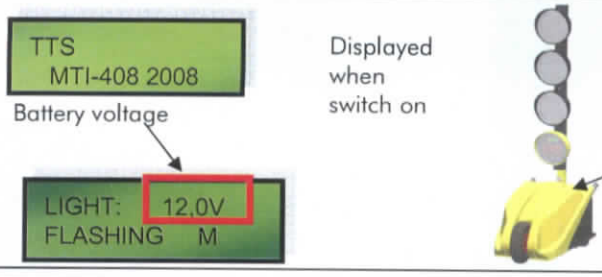
tempo

REGLEMENTARY WAINTING TIME SCALE

Trafic	Longueur	100m	200m	300m	400m	500m	600m
	Rouge intégral	12"	22"	32"	42"	52"	62"
Trafic faible	Jaune	20"	20"	20"	24"	28"	32"
	Rouge	44"	64"	84"	108"	132"	156"
Trafic moyen	Jaune	30"	30"	36"	46"	54	
	Rouge	54"	74"	100"	130"	158"	
Trafic fort	Jaune	41"	66"	90"	112"		
	Rouge	68"	110"	154"	196"		
Trafic Très fort	Jaune	120"					
	Rouge	144"					

tempo

ALTERNATE PROGRAMMING



Displayed when switch on

STEP 1

Switch on

To operate the Tempo traffic liht, switch on the starting button located in the battery box.
Tempo is then on waiting state mode « central orange light flashing »

STEP 2

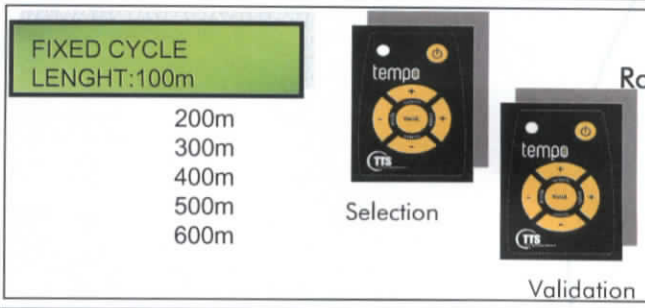
Traffic programming

-Switch on the remote control
-Direct it to the window display
-Select the density of the traffic with the « + » and « - » user-defined keyS
-Validate

STEP 3

Roadwork lenght programming

-Select the lenght between the two traffic light with the « + » and « - » user-defined keys
-Validate

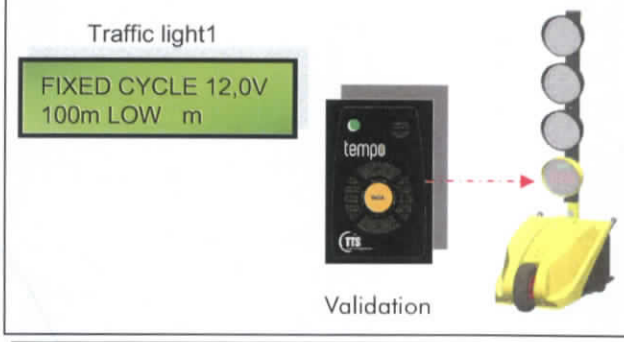


STEP 4

Validation of the cycle on the 2nd traffic light

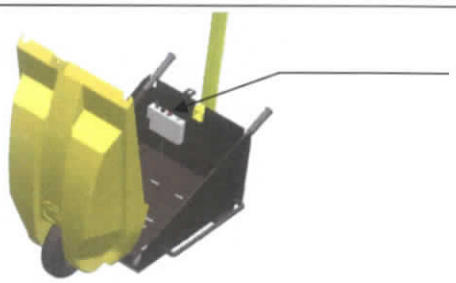
Go to the 2nd traffic light and press on the « valid » button

Traffic light 2



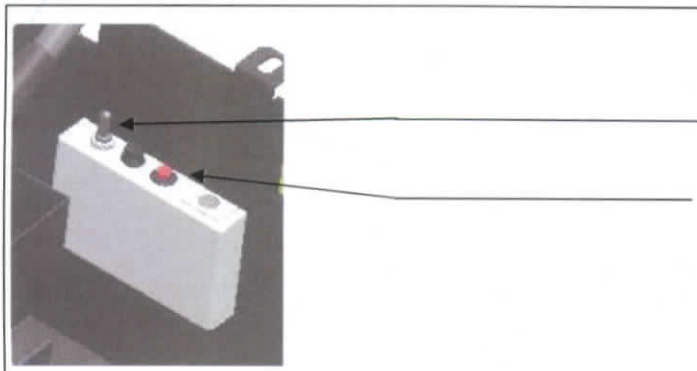
MODE SELECTION

Selection of the different modes by successive pression on the button
-Flashing orange
-Stand by
-Red only
-Cycle



SWITCH OFF

Turn the switch to « OFF » and maintain pression on the button during 5 seconds



tempo

UNBALANCED TRAFFIC PROGRAMMING

Selection

Validation

STEP 1

Mode selection

Switch on the remote control
Direct it to the window display
Select « Uneven » mode with
The « + » and « – » user-defined keys

Validate

▲ LOAD +

▼ LOAD -

Selection

Validation

STEP 2

One side heavy traffic programming

Select if the traffic is more or less heavy on this side with the « + » and « - » user-defined keys
Validate

▲ HEAVY

VERY HEAVY

▼ LIMIT

Selection

Validation

STEP 3

Traffic programming

Select the uneven density of the traffic with the « + » and « - » user-defined keys

Validate

Selection

Validation

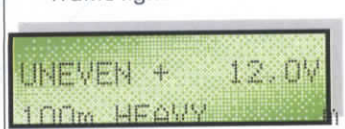
STEP 4

Roadwork lenght programming

Select the lenght between the two traffic light with the « + » and « - » user-defined keys

Validate

Traffic light 1



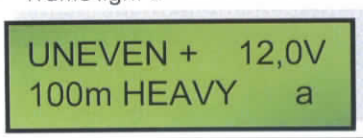
Validation

STEP 5

Validation of the cycle on the 2nd traffic light

Go to the 2nd traffic light and press on the « valid » button

Traffic light 2



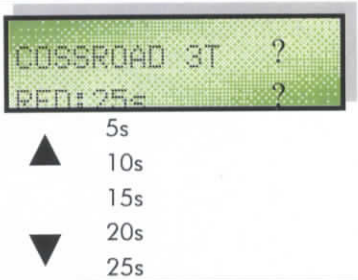
tempo

3 LIGHTS ALTERNATE CROSSROAD PROGRAMMING

STEP 1

Mode selection

Swith on the remote control
Direct it to the window display
Select « Corssroad 3T » mode with the « + » and « - » user-defined keys
Validate

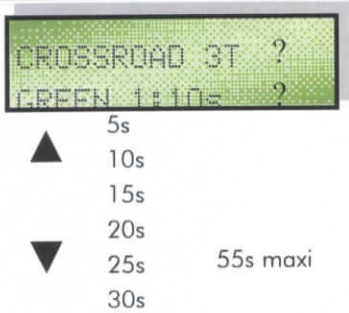


STEP 2

Red light programming

Select the red light timing with the « + » and « - » user-defined keys

Validate



STEP 3

Traffic light 1 green light programming

Select the green light timing (flashing orange) of the 1st traffic light with the « + » and « - » user-defined keys

Validate

STEP 4

Traffic light 2 green light programming

Select the green light timing (flashing orange) of the 2nd traffic light with the « + » and « - » user-defined keys

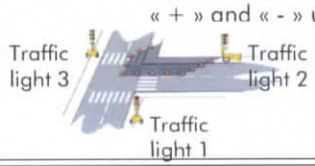
Validate

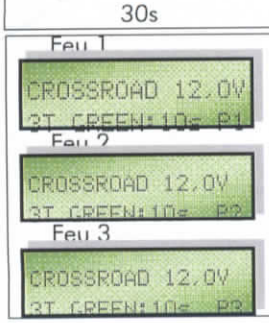
STEP 5

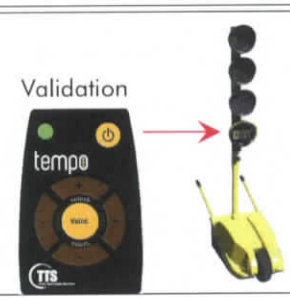
Traffic light 3 green light programming

Select the green light timing (flashing orange) of the 3rd traffic light with the « + » and « - » user-defined keys

Validate







STEP 6

Validation of the cycle on traffic lights 2 and 3

Go to the 2nd traffic light and press on the « valid » button

Repeat with the 3rd traffic light

tempo

4 LIGHTS ALTERNATE CROSSROAD PROGRAMMING

Selection

Validation

STEP 1

Mode selection

Switch on the remote control
Direct it to the window display
Select « Crossroad 4T » mode with the « + » and « - » user-defined keys
Validate

▲ 5s
10s
15s
▼ 20s
25s

Selection

Validation

STEP 2

Red light programming

Select the red light timing with the « + » and « - » user-defined keys

Validate

5s
10s
▲ 15s
20s
25s
▼ 30s
35s
40s

55s maxi

Selection

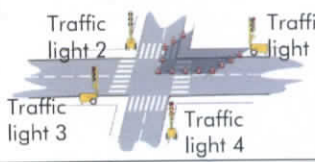
Validation

STEP 3

Traffic light 1 green light programming

Select the green light timing (flashing orange) of the 1st traffic light with the « + » and « - » user-defined keys

Validate



5s
10s
▲ 15s
20s
25s
▼ 30s
35s
40s

55s maxi

Selection

Validation

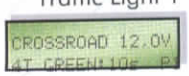
STEP 4

Traffic light 2 green light programming

Select the green light timing (flashing orange) of the 2nd traffic light with the « + » and « - » user-defined keys, then validate

Repeat with the 3rd and 4th traffic light

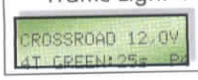
Traffic Light 1



Traffic Light 2

Traffic Light 3

Traffic Light 4



Validation

STEP 5

Validation of the cycle on traffic lights 2, 3 and 4

Go to the 2nd traffic light and press on the « valid » button

Repeat with the 3rd and 4th traffic light

tempo

3 LIGHTS AXIS CROSSROAD PROGRAMMING

Selection

Validation

STEP 1

Mode selection

Switch on the remote control
Direct it to the window display
Select « Crossroad 3X » mode with the « + » and « - » user-defined keys
Valide

▲
5s
10s
15s
▼
20s
25s

Selection

Validation

STEP 2

Red light programming

Select the red light timing with the « + » and « - » user-defined keys

Validate

5s
10s
▲
15s
20s
25s
▼
30s
35s
40s

55s maxi

Selection

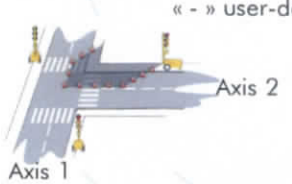
Validation

STEP 3

Axis 1 green light programming

Select the green light timing (flashing orange) of the 1st axis with the « + » and « - » user-defined keys

Validate



5s
10s
▲
15s
20s
25s
▼
30s
35s
40s

55s maxi

Selection

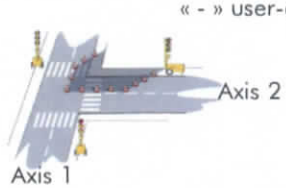
Validation

STEP 4

Axis 2 green light programming

Select the green light timing (flashing orange) of the 2nd axis with the « + » and « - » user-defined keys

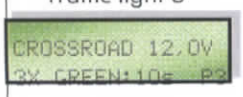
Validate



Traffic light 1

Traffic light 2

Traffic light 3



Validation

STEP 5

Validation of the cycle on traffic light 2 and 3

Go to the 2nd traffic light and press on the « valid » button

Repeat with the 3rd traffic light

tempo

4 LIGHTS AXIS CROSSROAD PROGRAMMING

Selection

Validation

STEP 1

Mode selection

Switch on the remote control
Direct it to the window display
Select « Crossroad 4X » mode with the « + » and « - » user-defined keys
Validate

▲ 5s
10s
15s
▼ 20s
25s

Selection

Validation

STEP 2

Red light programming

Select the red light timing with the « + » and « - » user-defined keys

Validate

5s
10s
▲ 15s
20s
25s
▼ 30s
35s
40s

55s maxi

Selection

Validation

STEP 3

Axis 1 green light programming

Select the green light timing (flashing orange) of the 1st axis with the « + » and « - » user-defined keys

Validate

5s
10s
▲ 15s
20s
25s
▼ 30s
35s
40s

55s maxi

Selection

Validation

STEP 4

Axis 2 green light programming

Select the green light timing (flashing orange) of the 2nd axis with the « + » and « - » user-defined keys

Vallidate

Traffic light 1

Traffic light 2

Traffic light 3

Traffic light 4

Validation

STEP 5

Validation of the cycle on traffic light 2, 3 and 4

Go to the 2nd traffic light and press on the « valid » button

Repeat with the 3rd and 4th traffic light

tempo

FREE PROGRAMMING

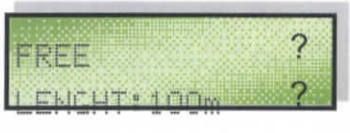
Selection

Validation

STEP N°1

Starting mode

Switch on the remote control
Direct it to the window display
Select « Free » mode with the « + » and « - » user-defined keys
Validate



200m
300m
400m
500m
600m

Selection

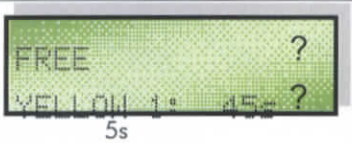
Validation

STEP N°2

Traffic lenght programming

Select the lenght of the roadwork using the « + » and « - » user-defined keys

Then validate



5s
10s
15s
20s
25s
30s
35s
40s

55s maxi

Selection

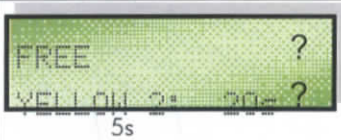
Validation

STEP N°3

Traffic light 1 time programming

Select the flashing time of the 2nd light of the 1st traffic light using « + » and « - » user-defined keys

Validate



5s
10s
15s
20s
25s
30s
35s
40s

55s maxi

Selection

Validation

STEP N°4

Traffic light 2 time programming

Select the flashing time of the 2nd light of the 2nd traffic light using « + » and « - » user-defined keys

Validate

Traffic light n°1

Validation

STEP N°5

Validation of the cycle on traffic light 2

Go to the 2nd traffic ligh and press on « valid »button

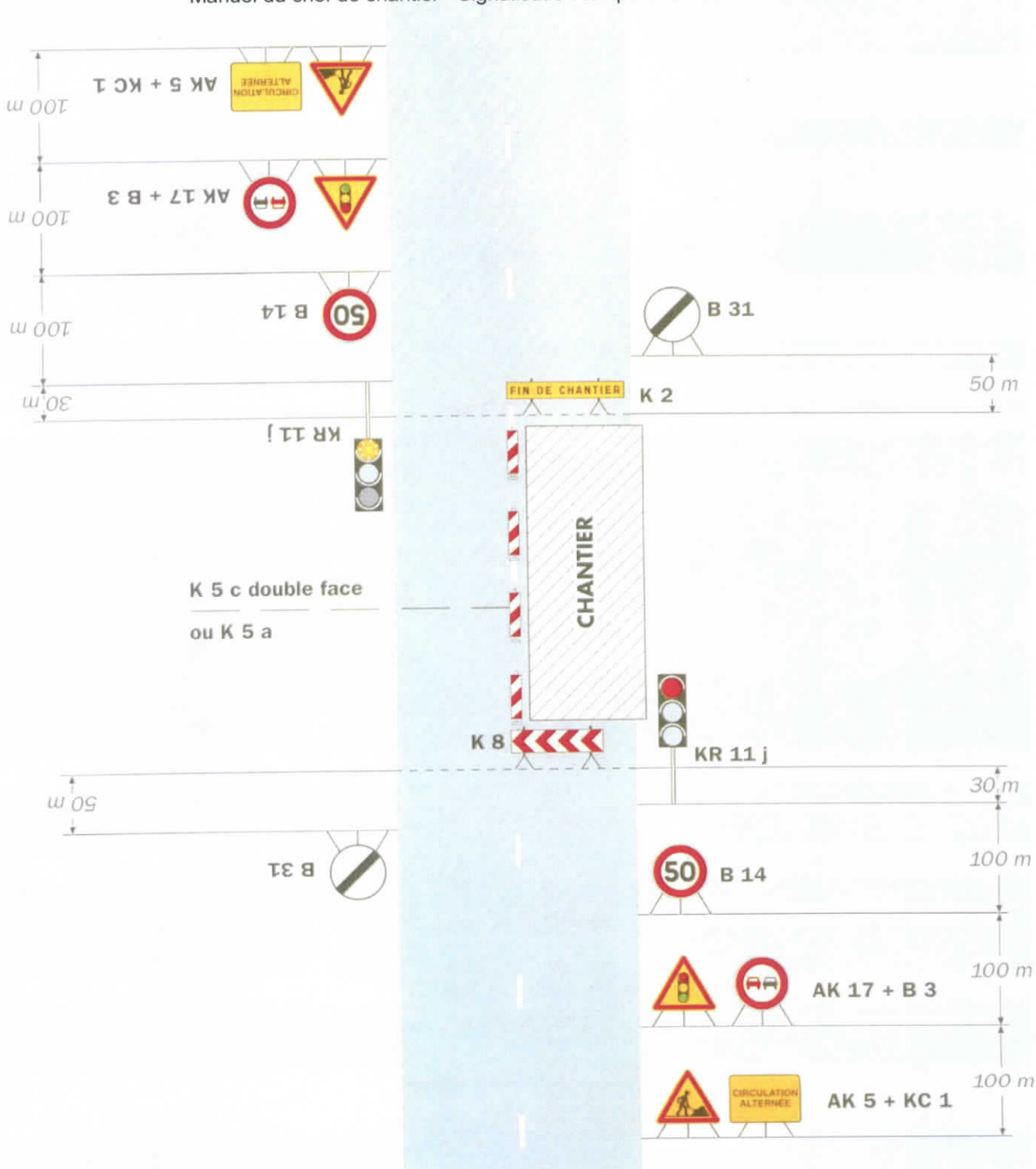
Traffic light n°2

CIRCULATION ALTERNEE

Signaux tricolores pour alternat temporaire

REGLES D'IMPLANTATION DE LA SIGNALISATION SUR ROUTES BIDIRECTIONNELLES

Prescription du Ministère de L'Equipement, des transports et du Logement
SETRA - Service d'Etudes Techniques des Routes et Autoroutes
Manuel du chef de chantier - Signalisation temporaire - Edition 2000



Réglementation

L'utilisation de dispositifs réglant une circulation alternée doit faire l'objet d'un arrêté de l'autorité compétente investie du pouvoir de police de la circulation (Préfet, Président du conseil général, Maire).

Généralités

L'alternat par signaux tricolores peut fonctionner de jour et de nuit. Toutefois l'emploi des piquets KD10 doit être envisagé pendant les périodes de pointe lorsque le trafic dépasse les limites de capacité des signaux lumineux. Les phases dépendent de la longueur de chantier et du trafic

TEMPO SPARE PARTS PRICE LIST 2010

463
XLR 3 pin grasp
Male plug
7 € H.T.

460
XLR 3 pin
Female plug
7 € H.T.

1521
Spiraled cable
+ XLR plug
41 € H.T.

22096 (+22097)
Watertight button
6.50 € H.T.

550
Porte fusible
3 € H.T.

548
2 Ampere fuse
(box of 10)
5.50 € H.T.

22385
Wheel Ø 250
26 € H.T.

1120
Serrated roller
M10 x 30 inox
11.50 € H.T.

886
Polycarbonat lens
Ø 210
14 € H.T.

22562
TEMPO complete mast
Red/Yellow/Yellow / TEMPO
With spiraled cable and XLR plug
And lower mast
1344 € H.T.

22377
Battery box
672 € H.T.

14334
Transportation handle
5 € H.T.

22558
TEMPO infrared module
264 € H.T.

22561
TEMPO complete module
558 € H.T.

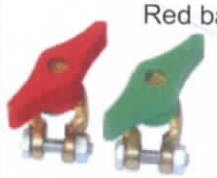
1513
Black cupola
28 € H.T.

1514
Yellow cupola
28 € H.T.

Optical Ø 210
1509 - Red LED
132 € H.T.
1510 - Yellow LED
132 € H.T.
5155 – Green LED
165 € H.T.

Electronic
1187 - Red LED
80 € H.T.
1186 - Yellow LED
80 € H.T
4891 - Green LED
154 € HT

21753
Cabled connecting case
133 € H.T.



477
Red battery pod « + »
6.50€ H.T.

478
Green battery pod « - »
6.50€ H.T

Tempo electronic display
414 € H.T.

1171
Optical joint Ø 210
5 € H.T.