iNS/iDS Push Button Station
Configuration/Order Form

Reset PBS Form

Note: iNS2 & iDS2 are the standard push button configurations that can operate as either a 2-Wire Central System or as a 3-Wire Ped Head System. iNS3 & iDS3 are Ped Head Systems only.

CHOICE

MODEL
iNS2 = Push Button Station (PBS) - Operates as either a 2 or 3-Wire System
iNS3 = Push Button Station (PBS) - **Operates only as a 3-Wire** (Ped Head System)
iDS2 = Push Button Station (PBS) **w/ iDetect** - Operates as either a 2 or 3-Wire System
iDS3 = Push Button Station (PBS) **w/ iDetect** - **Operates only as a 3-Wire** (Ped Head System)

iNS2

SIZE
5 = 5" x 7¾" Sign Size
9 = 9" x 12" Sign Size†
3 = 9" x 15" Sign Size†
8 = 9" x 18" Sign Size†

5

SIGN
O = No Sign (-$5.00 price reduction)
A = Option A (International Walking Sign, Black on White, Powder Coat) 5x7 Only
B = Option B (Informational Sign, Powder Coat) 5x7 Only
C = Option C (Countdown Sign, Powder Coat) 9x12 Only
D = Option D (International Walking Sign, White on Black, Powder Coat) 5x7 & 9x12 Only
E = Option E (**iDetect/Touchless**, Powder Coat) 5x7 Only
V = Option V (MUTCD R10-3, Hi-Intensity Retroreflective) 9x12 Only†
U = Option U (MUTCD R10-3b, Hi-Intensity Retroreflective) 9x12 Only†
N = Option N (MUTCD R10-3e, Hi-Intensity Retroreflective, Anti Graffiti) 9x12 Only†
T = Option T (MUTCD R10-3e, Hi-Intensity Retroreflective) 9x15 & 9x18 Only†
M = Option M (MDOT, Diamond Grade Retroreflective) 5x7 & 9x15 Only†
R = Option R (**iDetect/Touchless**, Hi-Intensity Retroreflective) 9x12 & 9x15 Only†
P = Option P (**iDetect/Touchless**,Countdown Sign, Hi-Intensity Retroreflective) 9x15 Only

O

BRAILLE
N = No Braille
B = Braille Text† (Provide details on page 3)

N

SPECIAL VOICE MESSAGE
0 = Standard Messages
1 = Special Voice Messages* (Provide details on page 3)

0

COLOR OF FRONT COVER
B = Black
G = Green
Y = Yellow

B

Orderable PBS Part Number

Total Qty of PBSs:

iNS2 | 5 | O | N | 0 | - | B | - | _____

PBS Part Number

SPECIAL DESIGNATORS†

The following additional options are available. Check any options desired.

- ☐ -BD for Bi-Directional (double) Arrow
- ☐ -NA for No Arrow
- ☐ -ES for External Speaker option
- ☐ -CT for Custom Vinyl Text Street Name on Sign

* **Special Voice Message Delivery Options**:

Special Message E-Mail Delivery (No Charge)	Qty:	
E-mail Address for Delivery:		
Special Message Recording per Crossing†	Qty:	
Special Message Flash Drive†	Qty:	
Special Message Installed on PBS†	Qty:	

† Additional charges apply for these options.

iNS/iDS Hardware
Order/Configuration Form

Reset Hardware Form

Do you want a 2-Wire, Central Control System? ☐
(Requires 2 button wires to each button on the pole. A Central Control Unit resides in the cabinet and provides power and data to the push button stations via the 2 button wires. **Please check button and hardware quantities as this form is only intended as a general guide to assist in determining unique items needed for an iNS/iDS system.**)

Do you want a 3-Wire, Ped Head based System? ☐
One system, nothing in traffic cabinet – no central communication). The push button station receives power and Ped Interval timing from a Ped Head Control Unit. Great for pre-timed/non-actuated systems without button wires. Each push button comes with terminals for button call wires to place calls.)

2-Wire Questions (Central Control System)

	CHOICE	NEXT STEP
1. What is the type of controller/cabinet?		

Options To Order (2-Wire Systems)

2-Wire System Order Box (from 2-Wire Questions)

A. (1) iCCU-S2, (1) ACCP **This Option "A" ACCP = Any Cabinet Cable Package configuration is designed to work with all cabinet styles.**

B. (1) iCCU-S2, (1) SDLCCP **This Option "B" SDLCCP = SDLC Cable Package configuration is designed to work with TS2 controllers/cabinets.**

C. (1) iCCU-C2, (1) iN2-ICB-C, (1) iN2-C4CABLE-C, (1) iN2-150WPS-C

Description of Each Part Number (2-Wire Systems)

iCCU-S2	Shelf mount Control Unit. Standard/BIU Mode (Includes Power Cord, BTN-PLC-CABLE)
ACCP	Any Cabinet Cable Package (Includes Interconnect Board, Cable A & Cable C)
SDLCCP	SDLC Cable Package (Incl: Interconnect Board, "Y" Splitter SDLC Cable, Cable C & Cable A (backup)
iN2-ICB	Interconnect Board for use with iCCU-S2
BTN-PLC-CABLE	2-Wire PLC Cable that connects to front terminal block of iCCU-S2 and goes to the iN2-ICB. One (1) is supplied with every iCCU-S2.
811-222	Cable A - Cabinet Load Switch Outputs (Ped Interval Timing)
811-223	Cable B - Preemption Inputs (EV 1,2,3,4) Note1
811-224	Cable C - Cabinet Ped Call Inputs (Channels ABCD)
811-225	Cable D - General Purpose Inputs (1,2,3) Note1
iN2-SDLC-YCABLE	SDLC "Y" Cable (Splitter Type)
iN2-SDLC-CABLE	SDLC Cable (Straight Type)

Note1: If Preemption is needed, add (1) Cable B (811-223) to your order. If you need General Purpose Inputs, add one (1) Cable D (811-225) to your order.

iCCU-C2	Rack mount 300 series Control Unit with C4-Y cable (splitter)
iN2-ICB-C	Interconnect Board for use with iCCU-C2
iN2-C4CABLE-C	C4-Y Cable for use with iCCU-C2
iN2-150WPS-C	150W, 24VDC Supplemental Power Supply (iCCU-C2 Only)

3-Wire Questions (Ped Head System)

3-Wire System Order Box (from 3-Wire Questions)

1. How many Push Button Stations (PBS)?

iPHCU3S (Ped Head Control Unit. One per PBS required)

A 3-conductor cable is needed for each installed iPHCU3S to connect it to the Push Button Station. Because the distance from the Push Button location to the corresponding PED Head can vary for each Push Button location, you may need different lengths on an intersection. Polara offers 3 different lengths.

Select the proper length for each iPHCU3S you order (**Qty of cables should equal number of PBSs/iPHCU3Ss**):

iN3-CABLE-12 12 foot length Qty Needed
iN3-CABLE-25 25 foot length Qty Needed
iN3-CABLE-50 50 foot length Qty Needed _____
Total Cables _____ Remaining Cables Needed

Custom Voice Message/Braille Detail Sheets - for Polara to record & load into ordered Push Buttons

No charge if ordered Online - End User to load into Push Buttons via Bluetooth - go to www.polara.com/audio-library

(Please fill out applicable fields in TYPED format. Only TYPED forms will be accepted.)

Voice on Location (VOL) and Walk Message & Braille

Reset VM/Braille Sheets

Please give phonetic pronunciation for voice messages on difficult street names to ensure they are recorded properly. Note that unless Street, Drive, Avenue, etc. are necessary for intersection identification, it is recommended to omit them.

Qty ☐

VOL: **Wait to Cross** ☐ (Street Being Crossed) **at** ☐ (Intersecting Street) **Wait**

Walk Message: ☐ (Street Being Crossed) **Walk sign is on to cross** ☐ (Street Being Crossed)

Arrow Direction (R/L) ☐ Street Name Being Crossed in BRAILLE ☐

☐ - Braille Only ☐ - Custom Text Only ☐ - Braille & Cust. Text

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Qty ☐

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Walk Message: _____ **Walk sign is on to cross** _____

(Street Being Crossed) (Street Being Crossed)

Arrow Direction (R/L) _____ Street Name Being Crossed in BRAILLE _____

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(Street Being Crossed) (Street Being Crossed)

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(Street Being Crossed) (Street Being Crossed)

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(Street Being Crossed) (Street Being Crossed)

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