



Electronic control - the easy way



***Rugged and simple machine
control with intelligent
electronics***



IQAN-TOC2 – a shortcut to the future



- ***Easy to specify • Easy to install***
- ***Easy set-up • Easy diagnostics • Rugged design***
- ***Long life • Low total cost***

The IQAN-TOC2 (Task Oriented Controller) is a four input/two dual proportional output controller for hydraulic systems. Based on IQANdevelop software the TOC2 offers functionality and user-friendliness on a new level for less complex system requirements.

Parker's vast experience in designing equipment for demanding applications and environments has resulted in a range of extremely rugged components, built to pro-

vide trouble-free, reliable service for many years.

The IQAN-TOC2 systems offer true 'plug-and-play' simplicity, long service life, easy diagnostics and good ergonomics, in set-up as well as in daily use.

All these features add up to superior total performance and economy, while providing a taste of the endless possibilities offered by the complete range of IQAN electronic control systems.

1 **Order one of three smart and simple systems**

Electronic machine control the IQAN way means simplicity above all. The systems are easy to specify, easy to install, easy to set up and, most importantly, cost effective. We have made the job even easier for you – turn the page and find out which configuration fits your needs. Then you just order the recommended components.



2 **...just plug it in...**

Installation is very straightforward, and can be completed using simple hand tools and the dedicated wiring harnesses. The controller can be placed anywhere that is convenient – just make sure the adjustment port is accessible.



3 **...and you're ready for action!**






To set up your IQAN-TOC2 system, all you need is a small screwdriver. By combining pushing and turning motions and watching the LEDs, you will have the system working your way in a matter of minutes. This also makes on-site alterations to the set-up easy to achieve.



IQAN-TOC2 *Single Function* *Linear Lever*

- **Tipper** ● **Drill rigs** ● **Man lifts**
- **Snow plows** ● **Graders**

The basic IQAN-TOC2 system, perfectly suited to straightforward tasks controlling any single function that requires redundant sensor signals. Choose between different sized levers to fit your application – both alternatives offering a positive feel and trouble-free function.

Picture	Item	Description	Qty	Order no
	TOC2	Controller	1	5010028
	LST	Tiny linear lever (alternative lever no. 1)	1	20011381
	LSL-E0-///-///	Large linear lever (alternative lever no. 2)	1	20011365
	Harness	System harness for single function linear lever	1	5030092
	Connector kit	Connector kit (only needed when own cable harness is used)	1	5031124







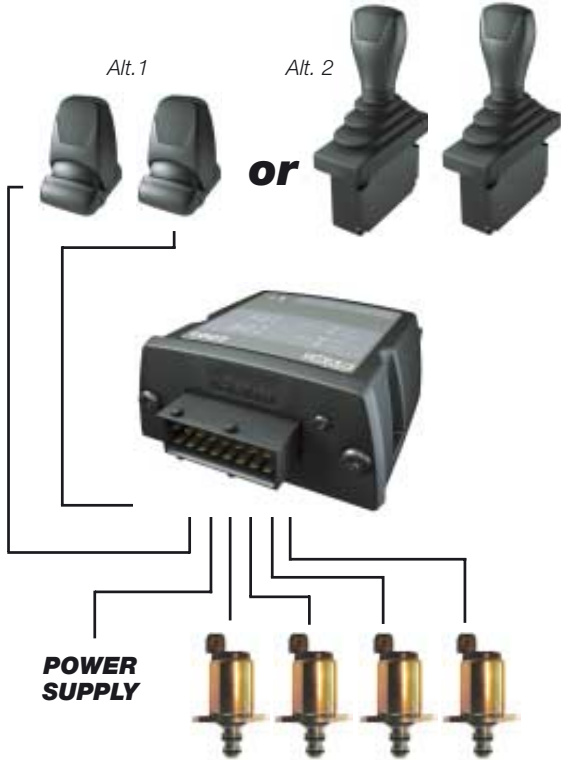


IQAN-TOC2 *Dual Function Linear Lever*

- **Fork lifts** ● **Bin lifts**
- **Hook loaders**

When you need a little bit more, the IQAN-TOC2 Dual Function system is the right choice. Set-up is just as easy – just add another linear lever, and you are ready for action in no time.

Picture	Item	Description	Qty	Order no.
	TOC2	Controller	1	5010028
	LST	Tiny linear lever, (alternative lever no. 1)	2	20011381
	LSL-E0-//	Large linear lever, (alternative lever no. 2)	2	20011365
	Harness	System harness for dual function linear lever	1	5030087
	Connector kit	Connector kit (only needed when own cable harness is used)	1	5031124





3

IQAN-TOC2 Dual Function ***Co-ordinate Lever***

- ***Agricultural front end loaders***
- ***Rough terrain fork lifts***

This is the most capable of our three systems, offering easy co-ordinate control and simultaneous movements for applications like front end loaders, etc.

Picture	Item	Description	Qty	Order no.
	TOC2	Controller	1	5010028
	ICL427-N0/--/3	Large coordinate lever with N-handle	1	20013921
	Harness	System harness for dual function co-ordinate lever	1	5030093
	Connector kit	Connector kit (only needed when own cable harness is used)	1	5031124



How to order

Please contact your local Parker dealer. Addresses world-wide can be found at www.parker.com.

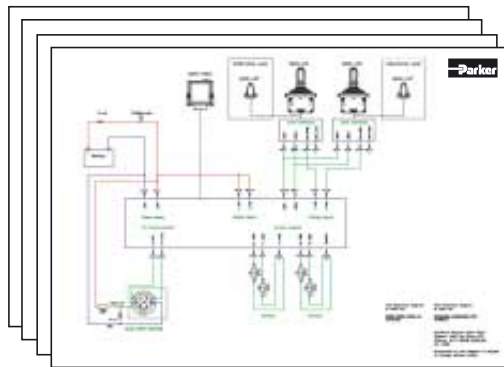
How to install and connect

Please refer to our website www.iqan.com/products/standalonecontrollers/TOC2 for downloading installation information for the three basic system layouts described here. At the website you will find the following items, offering easy step-by-step instructions for hassle-free installation and set-up:

Installation sheets

Electrical diagrams

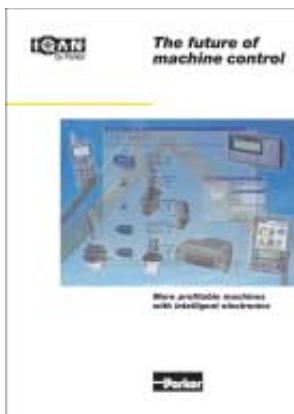
Instruction books
IQAN-TOC2 and IQAN-TOC2 Xpress



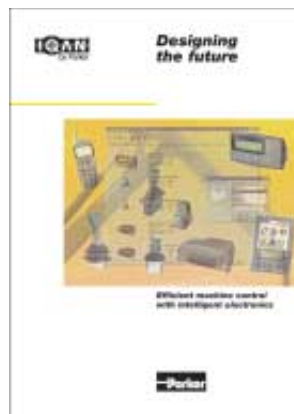
Extended possibilities

If your requirements go beyond the standard situations we describe in this brochure, the IQAN-TOC2 is prepared for further duties thanks to its programmability. This user-friendly function expands the TOC2 range of tasks to new areas, such as fan drives or gritters with feedback, etc. All alterations can be made with Windows™-compatible software (IQANdevelop).

The TOC2 is also the first step into the advanced world of IQAN's software based systems, progressing with IQAN-TOC8 to advanced CAN-bus systems for more complex machinery. The IQAN road to the future of machine control offers you almost unlimited possibilities – please request our brochures explaining the intelligent software and all the different system components available.



An overview of the possibilities using IQAN control systems



An in-depth description of software based machine control development



A description of all available IQAN system components

IQAN – backed by Parker Hannifin experience world-wide

Parker Hannifin is a leading global motion-control company, dedicated to delivering **Premier Customer Service.**

Parker is the only manufacturer to offer its customers a choice of hydraulic, pneumatic and electro-mechanical motion-control solutions.

Our company has the largest distribution network in its field, with over 7,500 distributors serving more than 400,000 customers world-wide.

Parker's charter:

'To be a leading world-wide manufacturer of components and systems for the builders and users of durable goods'.

More specifically, we will design, market and manufacture products controlling motion, flow and pressure. We will achieve profitable growth through premier customer service.

Product groups

Parker Hannifin develops and produces a multitude of components and products within its 8 product groups: Aerospace, Automation, Climate & Industrial Controls, Filtration, Fluid Connectors, Hydraulics, Instrumentation and Seals.

The Mobile Controls Division is a Parker division for Mobile Hydraulics within the Hydraulics product group.

Our product range includes control systems, valves, pumps and motors. Dedicated to the needs of the mobile industry for more than 35 years, we have raised productivity and improved ergonomics by refining the hydraulic systems.

With comprehensive sales organisations world-wide and a network of distributors covering the rest of the world, we are prepared to service your needs, from complete system applications to local service requirements

For further information, please contact:

For the latest information, please visit our website: www.iqan.com

Information in this brochure is subject to change without notice.



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