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GENIUS i-TOUCH SERIES 10" TOUCH SCREEN
8 ROOM MULTIZONE FOR
FARROWING AND NURSERY ROOMS

As a recognized leader in smart controllers aimed at the agricultural sector, Monitrol greatly facilitates remote livestock management for all types of animal production through the FarmQuest application.

•The world-renowned iTouch series allows for real-time access and 24/7 management of farm installations

•Cutting-edge technology facilitating the management of ambient air (ventilation, heating, humidity, static pressure, CO_2, etc.), animal populations, feed levels/consumption, lighting, and more

•Your yearly historical and current data is accessible to simplify report management and communication with your stakeholders

•100% FarmQuest compatible, this cloud-based system is essential in optimizing your production efficiency!

PART #	MODEL #	DESCRIPTION	
MASTER			
E53-3050	GE-ST10iV8ZP/10	10" i-TOUCH, 11MGCB, 10 ON/OFF, 8 ZONES	
MODULES			
E53-3060	GE-MOD444/S	MODULE 4 INPUTS, 4 VARIABLE, 4 ON/OFF, SWITCH	
E53-3061	GE-MOD448/S	MODULE 4 INPUTS, 4 VARIABLE, 8 ON/OFF, SWITCH	
E53-3062	GE-MOD424/S	MODULE 4 INPUTS, 2 VARIABLE, 4 ON/OFF, SWITCH	
E53-3063	GE-MOD428/S	MODULE 4 INPUTS, 2 VARIABLE, 8 ON/OFF, SWITCH	
E53-3042	X1314/R4	RELAY BOARD WITH 4 RELAYS	
E53-3045	X1469/GE-MOD448/S	MAIN BOARD FOR GE-MOD	

Genius iTouch Series / 10" Touch Screen

One super zone or up to 4 zones amongst which the available inputs and outputs are divided. The iTouch Control system will consist of one master control combined with optional slaves, modules and optional boards to provide a complete ventilation system.

Feeders, feed augers, water meters, poultry scales, bin scales and lights can be assigned to one or more zones. The Genius iTouch control has **built in Wi-Fi** to enable access to the FarmQuest where you can **manage your operation from anywhere internet is available to your PC or Smart phone.**

Exacon has created two models: a base model from which you can add optional boards to suit your application or a deluxe model with optional boards pre-installed to give you many more

iTouch Master Control Models: Deluxe Model Kit

(mostly suited for poultry applications)

PART #	MODEL	DESCRIPTION
E53-3030	GE-430izK/10MZ	4 variable, 30 off/on relays, 1 probe
E53-3031	GE-425izK/10MZ	4 variable, 25 off/on relays, 1 probe
E53-3032	GE-420izK/10MZ	4 variable, 20 off/on relays, 1 probe
E53-3033	GE-415izK/10MZ	4 variable, 15 off/on relays, 1 probe

This deluxe model includes the following input and communication boards: X1199, X1201, X1205 8 pot. board, X1276, X1399 boards (8 input configurable). Also includes 12 communication ports for various options.

The deluxe model will then provide the following possible options by adding just the required hardware or items:

• 10 temperature inputs or up to 16*
• 4 duration sensors inputs (current sensor for feed) or up to 12*
• 4 pulse count input (water meter) or up to 12* • 4 humidity probes options • 4 bird scales comm. ports
• 4 bin scales communication ports
• 4 GEV2/S/LED for 120V modules c/w manual overrides for LED lights
• 4 GEV//MS or GE/MS 0-10V modules c/w manual overrides for variable stages or frequency drives
• 2 0-10v outputs for variable stage modules or frequency modules
• 1 communication port for GE-CBW batch feeding module
• X1399 board provides 8 configurable inputs that would increase the capacity for 8 additional or a

iTouch Master Control Models: Base Model

(mostly suited for swine, dairy and some types of poultry)

PART #	MODEL	DESCRIPTION
E53-3010*	GE-430iz/10BMZ	4 variable, 30 off/on relays, 1 probe
E53-2510*	GE-425iz/10BMZ	4 variable, 25 off/on relays, 1 probe
E53-2010*	GE-420iz/10BMZ	4 variable, 20 off/on relays, 1 probe
E53-1510*	GE-415iz/10BMZ	4 variable, 15 off/on relays, 1 probe

*Includes the following input and communication boards x1199 and x1205 potentiometer board.

The base model will then provide for the following possible options by adding the required hardware or items:

•10 temperature inputs   •2 static pressure probes
•4 duration sensor inputs   •2 bin scales
•4 pulse count (water meters)   •8 potentiometer inlet/curtain actuators   •2 humidity probes
Includes 2 communication ports that each port can be used for two of the following 3 choices:
•1-2 bird scales port 1 OR 1-2 light modules port 2
•1-2 bird scales port 1 OR 1-2 light module port 1 AND 1-2 feed tanks port 2
Note: Two different uses cannot be used on one communication port

PLEASE CALL EXACON SALES STAFF FOR ASSISTANCE ON PRICING ITOUCH CONTROL SYSTEMS.

Control can be ordered from Monitrol pre-programmed for special project with 6 weeks advanced ordering.

Charges are applicable for on site set up of ITOUCH controls. Allow 2 weeks notice for set up appointments.

EXACON inc.

GENIUS iTouch Series cont.

PART #	MODEL	DESCRIPTION
E53-4930	2004/10K	UP TO 10 PROBES BASE MODEL UP TO 16 PROBES** DELUXE MODEL
E53-5402	T15-WD	SAFETY OVER-RIDE - RECOMMEND 4 PER ZONE
E53-4670	RH-3	HUMIDITY PROBE
E53-4677	CRH-3/MGCB	RED WIRE HARNESS - 1 REQUIRED PER HUMIDITY PROBE
E53-9055	750JLPRS	WATER METER W/PULSE COUNT (3/4" CONNECTION)
E53-9057	1000JLPS	WATER METER W/PULSE COUNT (1" CONNECTION)
E53-9899	CONUSB/RJ-45	USB ADAPTER TO RJ45 - ALLOWS DIRECT CONNECTION OF INTERNET TO ITOUCH CONTROL
E53-4681	GE-C02-10,000	C02 SENSOR 0-10,000 PPM, 1 YEAR *CONDITIONAL* WARRANTY
E53-4682	GE-LUX-1000	LIGHT SENSOR 0-1000 LUX
E53-4683	GE-WPS-100	WATER PRESSURE SENSOR, 1 YEAR *CONDITIONAL* WARRRANTY
E53-4684	GE-WLS-100	WATER LEVEL SENSOR, 1 YEAR CONDITIONAL WARRANTY
E53-4685	DOL-40R	FEED PROXIMITY SENSOR WITH RELAY, 1 YEAR *CONDITIONAL* WARRANTY
E53-9282	GE-4V/MS/0-10V	4 OUTPUTS WITH 4 RELAY MODULES. OPTIMIZED ESPECIALLY FOR LED LIGHTS, VARIABLE SPEED MOTORS OR HEATERS C/W MANUAL OVER-RIDES. ONE OR TWO GE-V2/MS REQUIRES ONE COMMUNICATION PORT ON THE ITOUCH CONTROL.
E53-9284	GE-V2/MS/0-10V	2 OUTPUTS WITH 2 RELAYS C/W MANUAL OVER-RIDES. SAME FEATURES AS GE-V4/S. ONE OR TWO GEV2-MS/0-10V REQUIRES ONE COMMUNICATION PORT ON THE ITOUCH CONTROL.
E53-9775	GE-V1	MODULE - 1 STAGE 10 AMP BOOSTER (1 OR 2)
E53-9780	GE-V2	MODULE - 2 STAGE 10 AMP EACH BOOSTER (1 OR 2)
E53-9895	GE-SP1	STATIC PRESSURE PROBE - UP TO 2 WITH BASE MODEL - UP TO 4 WITH DELUXE MODEL
E53-9898A	CSD-1A	CURRENT SENSOR FOR DURATION COUNTER UP TO 4 ON BASE MODEL, UP TO 6-12* ON DELUXE MODEL **NOTE: REQUIRES USE OF MULTI-FUNCTION 8 INPUT X1399 INCLUDED** **WITH DELUXE MODEL FOR 7-12.**
E53-9289	GE-V2/S2/120V	VARIABLE SPEED MODULE, 2 OUTPUTS, 10 AMPS C/W MANUAL OVER-RIDES - REQUIRES 1 COMMUNICATION PORT.
E53-9270	GE-V2/LED	LED LIGHT MODULE, 2 OUTPUTS OF 8 AMPS EACH C/W MANUAL OVER-RIDES. OPERATES MOST DIMMABLE LED LIGHTS.
E53-9287	GE-V4/S4/120V	VARIABLE SPEED MODULE, 4 OUTPUTS OF 12 AMPS EACH C/W MANUAL OVER-RIDES. NOTE NOT LIKELY TO OPERATE LEDS SATISFACTORY.
E53-9897	X1399/INTERFACE	REQUIRED FOR ITOUCH CONTROL WHEN CONNECTING TO COMPATIBLE EGG COUNTER.
E53-4671	GE-HUM+	HUMIDITY SENSOR WITH HARNESS (TWO WIRE) FOR INSIDE OR OUTSIDE HUMIDITY WITH OUTSIDE TEMPERATURE FEATURE.
E53-5410	PECO	NEMA 4X 1-SPEED THERMOSTAT **NEW PRODUCT**

EXPANSION RELAY AND VARIABLE SPEED SLAVE MODULE

PART #	MODEL	DESCRIPTION
E53-9881	GE-SL15	15 OFF/ON RELAY MODULE C/W OFF/ON TOGGLES-SMALL BOX
E53-9882	GE-SL20	20 OFF/ON RELAY MODULE C/W OFF/ON TOGGLES-SMALL BOX
E53-3020	GE-SL010Z	10 OFF/ON RELAY MODULE C/W OFF/ON TOGGLES
E53-3021	GE-SL015Z	15 OFF/ON RELAY MODULE C/W OFF/ON TOGGLES
E53-3022	GE-SL020Z	20 OFF/ON RELAY MODULE C/W OFF/ON TOGGLES
E53-3026	GE-SL025Z	25 OFF/ON RELAY MODULE C/W OFF/ON TOGGLES
E53-3027	GE-SL030Z	30 OFF/ON RELAY MODULE C/W OFF/ON TOGGLES
E53-3028	GE-SL040Z	40 OFF/ON RELAY MODULE C/W OFF/ON TOGGLES
E53-3023	GE-SL410Z	10 OFF/ON, 4 VARIABLE MODULE C/W OFF/ON TOGGLES
E53-3024	GE-SL415Z	15 OFF/ON, 4 VARIABLE MODULE C/W OFF/ON TOGGLES
E53-3025	GE-SL420Z	20 OFF/ON, 4 VARIABLE MODULE C/W OFF/OM TOGGLES
E53-3034	GE-SL425Z	25 OFF/ON RELAY, 4 VARIABLE MODULE C/W OFF/ON TOGGLES
E53-3035	GE-SL430Z	30OFF/ON RELAY, 4 VARIABLE MODULE C/W OFF/ON
ONE OF THE ABOVE MODULES CAN BE CONNECTED TO THE DELUXE MODEL.		
BASE MODEL CONTROL MUST HAVE THE OPTIONAL X1276 BOARD TO CONNECT THE ABOVE MODULES.		

BIRD WEIGHING OPTIONS

PART #	MODEL	DESCRIPTION
E53-9510	OPTI-GAINKIT	LOAD CELL AND PLATFORM KIT FOR BROILERS
E53-9512	OPTI-GAIN-1	OPTIGAIN LOAD CELL MODULE WITHOUT PLATFORM (NO HDWR)
E53-9502	OPTI-GAINKIT/D	OPTIGAIN TURKEY LOAD CELL AND PLATFORM
	UP TO 4 OPTIGAIN LOAD CELL/KIT CAN BE CONNECTED TO THE DELUXE MODEL	
	BASE MODEL MUST HAVE THE OPTIONAL X1276 FOR BIRD WEIGHING OPTION	
E53-9517	OPTIGAINBP/KIT	PERCH SCALE FOR LAYERS

FEED BIN SCALES

BASE MODEL CAN OPERATE UP TO TWO BIN SCALES. DELUXE MODEL CAN OPERATE UP TO 4 BIN SCALES.

PART #	MODEL	DESCRIPTION
E53-9610SB	FBT-SB	FEED BIN TRANSMITTER - 1 PER BIN REQUIRED
E53-9611	GE-LIM	LIGHTNING ISOLATOR - 1 PER BIN REQUIRED
E53-9615	SB-15K/KIT	SHEAR BEAM LOAD CELL C/W SUPPORT - 1 PER LEG (6 MAX /BIN, 7.5MT MAX LOAD PER LEG)
E53-9608SB	FBT8-SB	FEED BIN TRANSMITTER-1 PER BIN REQ'D (FOR 8 LEG BIN)
E53-9618	DSB-22K/KIT	10MT LOAD CELL C/W SUPPORT - 1 PER LEG
E53-9898A	CSD-1A	CURRENT SENSOR - 1 PER BIN AUGER
E53-9614	SB-15K	SHEAR BEAM LOAD CELL ONLY (6MT)
E53-9619	DSB-22K	LOAD CELL ONLY 10MT

WEATHER STATION

PART #	MODEL	DESCRIPTION
E53-9530	MSTAT-1	WEATHER STATION KIT INCLUDES RAIN DETECTOR, WIND DIRECTION AND SPEED, SUPPORT AND ELECTRONIC NETWORK CARD X1403
E53-9531	RD-1	RAIN DETECTOR ONLY
E53-9532	WS-1	WIND SPEED ONLY
E53-9533	WD-1	WIND DIRECTION ONLY
E53-9534	X1403	NETWORK BOARD FOR IT CONTROL (REQ'D FOR ALL CASES)

NOTE: ABOVE FOR ITOUCH CONTROL ONLY FOR NATURAL CURTAIN

OPTIONAL BOARDS

PART #	MODEL	DESCRIPTION
E53-9819	X1200/INPUT-8	**8 INPUT BOARD/IT** OPTION FOR BASE AND DELUXE MODELS
		PROVIDES ADDITIONAL INPUTS FOR 4 TEMP PROBES, 2 DURATION COUNTERS, 1 PULSE COUNTER (WATER METER), 1 STATIC PRESSURE INPUT
E53-9878	X1201/1640ER	**0-10V 2 OUTPUT BOARD** INCLUDED WITH DELUXE MODEL
		PROVIDES MGCB PORT FOR ADDITIONAL (UP TO TWO GE-V4/S) CONTROL OF LIGHTS OR ADDITIONAL VARIABLE SPEED STAGES. ALSO PROVIDES UP TO TWO 0-10V OUTPUTS FOR CHIMNEY DAMPER ACTUATORS, 0-10 HEATERS. USE 0-10V GE-V2 OR GE-V4/MS FOR LIGHTS.
E53-9822	X1205/POT	**8 POT BOARD** ONE X1205 INCLUDED WITH BASE AND DELUXE MODELS
		PROVIDES UP TO EIGHT POT INPUTS FOR INLET ACTUATORS. TWO X1205 BOARDS CAN BE ADDED TO A RELAY SLAVE TO ADD UP TO 16 MORE INLET POTENTIOMETER INPUTS.
E53-9879	X1276/ COMBOARD8	**8 COMM PORT BOARD** ONE X1276 BOARD INCLUDED IN DELUXE MODEL PROVIDES FOR THE FOLLOWING USES PER COMM PORT: 1&2 BIRD SCALES, 3&4 BIRD SCALES OR 1 WEATHER STATION AND 1 BIRD SCALE, 8 ADDITIONAL PROBES USING A X1399 BOARD, RELAY MODULE, GE-V2 AND GE-V4 MODULES, 2 ADDITIONAL HUMIDIDTY PROBES OR 1 HUMIDITY PROBE AND BATCH LOADER, ADDITIONAL 2 BIN SCALES.
E53-9896	X1399/ INPUT BOARD-8	**8 INPUT BOARD** THE DELUXE MODEL INCLUDES 1 X1399 AND THE REQUIRED X1276 BOARD PROVIDES 6 MULTIFUNCTION INPUTS AND 2 MULTIFUNCTION 4-20MA FUNCTIONS. FOR EXAMPLE, THESE INPUTS COULD BE USED FOR A COMBINATION OF TEMPERATURE INPUTS, PULSE COUNTS (WATER METERS) DURATION COUNTER (CSD-1A). IT IS POSSIBLE TO ADD UP TO 2 X1399 BOARDS PER ITOUCH.
NOTE: IF YOU ADD A X1399 BOARD YOU MUST FIRST HAVE A X1276 BOARD INSTALLED IN THE MASTER CONTROL		

ITOUCH UPGRADE DOOR KIT   **IT IS POSSIBLE TO UPGRADE GE-425LS AND GE-430LS TO ITOUCH

CONTROLS WITH THE FOLLOWING DOOR KIT AND SLIM BOARD ** EXISTING TOGGLES NEED TO BE USED.

PART #	MODEL	DESCRIPTION
E53-3029	3412/GE-430/10	ITOUCH DOOR KIT WITHOUT TOGGLES OR SLIM BOARD
E53-9826	X1416/ R CONTROL	X1416 SLIM BOARD (REQUIRED)
NOTE: IT WILL REQUIRE NEW SET UP OF CONTROL ON SITE.		

BATCH FEEDING OPTIONS

PART #	MODEL	DESCRIPTION
E53-9625	GE-CBW	1 REQUIRED FOR ALL BATCH FEEDING WEIGHERS FOR COMMUNICATION TO ITOUCH.
E53-9620	DHBW400	DOUBLE BATCH WEIGHER (APPROX. 38-1/2" X 42-1/2" X 97.5"H) INCLUDES 4 LOAD CELLS AND 1 MOTORIZED DAMPER (400KG CAPACITY).
NOTE: STRONGLY RECOMMENDED TO USE FOR BATCH FEEDING SYSTEMS WITH ITOUCH.		

REPLACEMENT BOARDS

PART #	MODEL	DESCRIPTION
E53-9834	X1199/1640ER	SENSOR AND COMM BOARD
E53-9826	X1416/R-CONTROL	OUTPUT SLIM BOARD
E53-9820KIT	X1184/1640ERKIT	5 RELAY BOARD
E53-9828KIT	X1192/1640ERKIT	5 TOGGLE SWITCH BOARD
E53-9821	X1204/TRIAC	2 VARIABLE BOARD
E53-9829	X1206/4	4 TOGGLE SWITCH BOARD FOR VARIABLES
E53-3040	X1211/C2000A	1 ZONE MICROPROCESSOR BOARD
E53-3041	X1211/C2000AZ	MUTLI-ZONE MICROPROCESSOR BOARD

EXACON INC.

GENIUS i-TOUCH SERIES 10" TOUCH SCREEN

These controllers have been built specifically for harsh livestock environments, and come equipped with our field proven modular hardware and software which is already used in existing GENIUS controllers.

Available in a multitude of models, the modular design of the GENIUS iTouch series permits easy and cost effective maintenance of your controllers, while providing the flexibility to grow and evolve according to your ever-changing needs

Remote access, monitoring, data logging and management.

 The GENIUS iTouch series amounts to much more than high performance controllers when teamed up with the FarmQuest online management service. Together, they make for a powerful management tool that you can access from anywhere in the world. Your controllers are connected to the FarmQuest server, which constantly uploads data and enables you to easily view, analyze and compare results with those of current or previous production batches. eForm reports selected by the producer can be sent to selected individuals, suppliers, and professionals in order to make informed decisions.
Also, when an out of limits condition exists, FarmQuest automatically sends you a warning by email or SMS text messaging.

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MASTER		
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E53-3063	GE-MOD428/S	MODULE 4 INPUTS, 4 VARIABLE, 4 ON/OFF, SWITCH