

**Products to be Certified Under
FCC ID: KJ8INTRMT**

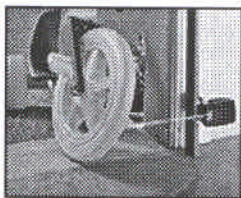
The original unit granted under FCC ID: FONINTRMT is a super-regenerative garage door receiver with motor control board which covers the following Quantum 303 MHz Series models: 3212, 3213, 3312, 3313, 3412, and 3413. The following is basic information regarding the product line.

QUANTUM™ GARAGE DOOR OPENER

Wayne-Dalton's Quantum™ automatic garage door opener is a state-of-the-art product featuring numerous security and safety elements. Plus, you get a system that operates consistently at the rated horsepower. That's Quantum™ power - all the power you need to be safe and secure.



Quantum™
Garage Door Opener



Patented wireless photo eyes signal a clear opening unless beam is "broken" while closing.

Quantum-Gard™ Multi-Level Security System:

Rolling Access Codes defeats code-grabbing thieves by using a different access code each and every time a remote is used.

Quantum-Gard™ Lock provides extra security when the door is fully closed.

Exclusive *Easy Entrapment Removal* allows the door to be lifted manually without having to pull the emergency release cord. This is a great feature in an emergency when every second counts.

Primary Protection Sensor automatically reverses a closing door direction or stops an opening door when it encounters an obstruction.

Timed travel limit reverses the door to the open position if the down cycle is not completed within 21 seconds.

Photo eyes' light beam will signal clear opening unless the beam is broken during closing operation.

Quality Instilled Construction:

Hot dipped galvanized double-angle rail assembly for smooth operation.

Heavy duty, pre-lubricated full length chain offers reliable operation for long life.

Heat Sensor and Surge protection for longer life.

All-steel trolley with non-metallic glide surfaces provides efficient performance with minimal maintenance because there is no metal-to-metal contact.

MODELS

MODEL 3412 (1/2 hp)

MODEL 3413 (1/3 hp)

Wireless photo eyes, Quick-set Radio control with Quantum-Gard™ rolling access codes, and *delux* wall control unit.

15-YEAR Warranty with extended lifetime warranty on motor*

MODEL 3312 (1/2 hp)

MODEL 3313 (1/3 hp)

Wired photo eyes, Quick-set Radio control with Quantum-Gard™ rolling access codes, and wall button.

10-YEAR limited warranty*

MODEL 3212 (1/2 hp)

MODEL 3213 (1/3 hp)

Wired photo eyes, Quick-set Radio control with Quantum-Gard™ rolling access codes, and wall button.

5-YEAR limited Warranty*

* See warranty certificate for details.

Copy of Previous Grant of Certification:

COPY

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554GRANT OF EQUIPMENT AUTHORIZATION
Certification

COPY

Challenger Division of Wayne Dalton Corp
PO Box 270

Date of Grant: 08/08/1996

Bound Brook,NJ 08805

Application Dated: 06/18/1996

Attention: Robert Wood

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for
the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER F0N1NTRMT

Name of Grantee Challenger Division of Wayne Dalton Corp

Equipment Class: Superregenerative Receiver

Notes: Garage Door Opener Receiver

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
37	15	303 - 303		%	

37: This device has shown compliance with new rules adopted under Docket 87-389 and is not affected by Section 15.37,
transition rule.

Mail To:

9606208315448005

External Photographs:



Example of New Label:

Note: Similar Labels will be used for the various models, except for changes to the series name and ratings as appropriate.

TO BE () IN-TALL MINGENERAL NOTES: 1. PACKAGED IN ROLLS UNWIND DIRECTION: LABEL ON OUTSIDE OF ROLL. COPY PRINTED ACROSS THE ROLL. BOTTOM OF LABEL OFF FIRST.		TEXT NOTES: 260548 1. ALL TEXT TO BE .0625 IN. TALL MIN UNLESS OTHERWISE NOTED.		TOOLING DATE RELEAS BY: CHANGES	
2. MATERIAL: SILVER POLYESTER FILM: FLEXCON MM 200 SILVER TC-200 L-23. CLEAR POLYESTER FILM OVERLAY: FLEXCON CLASSIC PLUS 10092. 3. UL RECOGNIZED LABEL.		COLOR NOTES: 1. ALL TEXT TO BE BLACK UNLESS OTHERWISE NOTED.		R & D RELEASE TO PRODUCT ENGINEERING 7/28/00 BY: CJB CHANGES	
<div><div>Wayne Dalton</div><div>3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474-9890</div></div>		<div><div>QUANTUM SERIES 3212</div><div>Residential Door Operator</div><div>This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.</div><div>120 Volts 5 Amps 60 Hz 1/2 H.P. Motor</div><div>Risk of entrapment. After adjusting either the force or limits of travel adjustments, insure that the door opens at a 1-1/2 inch (or 2 by 1 board laid flat) high obstruction on the floor.</div><div>Terminals OBS & COM are connections for external entrapment protection devices: Wayne-Dalton Magic Lamp II Model ML2, 249318 (P-3078-R) and 249520 (P-3078-T)</div></div>		FCC ID: KJ8NTRMT CERTIFICATION NO. CAN 2549 102 404 LISTED 891F	
INFORMATION IN THIS DRAWING AND ORAL INFORMATION REGARDING THIS PART OR THE SYSTEM IN WHICH IT IS USED IS CONSIDERED CONFIDENTIAL TO THE WAYNE DALTON CORP. THIS PRINT IS ONLY TO BE USED FOR THE PURPOSES OF QUOTATION AND ANY DISCUSSION OF FUNCTION OF THE PART OR THE SYSTEM IN WHICH THIS PART IS USED IS TO BE WITHIN THE INTERNAL COMMUNICATIONS OF THE QUOTING COMPANY AND WAYNE DALTON CORP.		REFERENCE PART: <input type="checkbox"/> REF PART IS REPLACED IN PRODUCTION & SERVICE <input type="checkbox"/> REF PART IS REPLACED EXCEPT FOR SERVICE <input type="checkbox"/> REF PART IS ONLY SIMILAR & NOT REPLACED <input type="checkbox"/> MAKE THIS PART FROM REFERENCE PART <input type="checkbox"/> COMMON TOOLING WITH REFERENCE PART <input type="checkbox"/> CHANGE TO REFERENCE PART		FILE NAME DRAWING#REV.DWG	
3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474-9890		DATE DRAWN 6/2/00 CHECKED 7/28/00 APPR. 7/28/00		PROJECT QUANTUM	
TOLERANCES UNLESS SPECIFIED .0 ±.015 .00 ±.010 .000 ±.005 ANGLE ±1/2°		PER UNIT PER YEAR		PER UNIT PER YEAR	
ASSY(S)-		DRAWING NO. WD-260548		REV P	
MATERIAL: SEE NOTES		CODE PLOT SCALE		SCALE 1/1	
FINISH: SEE NOTES		SIZE A		REV P	