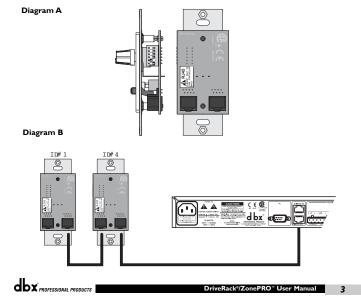


		RATION OF IFORMITY	
Manufacturer's Name: Manufacturer's Address:	dbx Professional Products s: 8760 S. Sandy Parkway Sandy, Utah 84070, USA		
declares that the produ	et:		
Product name:		dbx Zone Controllers Models: ZC1, 2, 3, 4, 6, 7,	
Note:		8, 9, FIRE and BOB Product name may be suffixed by the letters -EU.	
Product option: none			
conforms to the followi	ng Product Specificati	ons:	
	Safety:	IEC 60065-98	
	EMC:	EN 55013 (1990) EN 55020 (1991)	
Supplementary Informat	ion:		
The product herewith c the EMC Directive 89/3	omplies with the requ 36/EEC as amended b	uirements of the Low Voltage Directive 73/23/EEC and by Directive 93/68/EEC.	
		Vice-President of Engineering	
		8760 S. Sandy Parkway	
		Sandy, Utah 84070, USA Date: February 3, 2003 Revised: September 10, 2004	
European Contact:		Your local dbx Sales and Service Office or	
		Harman Music Group 8760 South Sandy Parkway Sandy, Utah 84070, USA	
		Ph: (801) 566-8800 Fax: (801) 568-7583	
		A core is an internationally accepted	
	symbol that warn of potential hazards with electrical prod- ucts. The exclamation point in an equilateral triangle indi- cates that it is necessary for the user to refer to the owner's manual.		

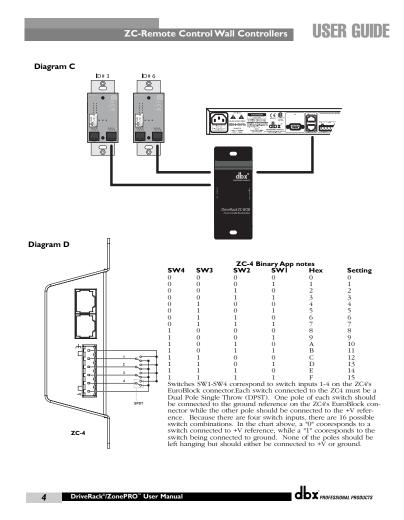
### ZC-Remote Control Wall Controllers

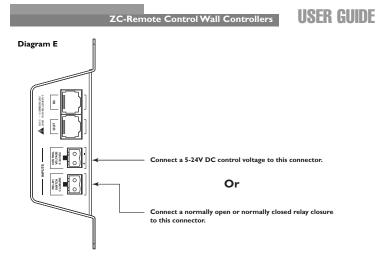
**Zone Controller Wiring** The Zone Controllers, (ZC-1, ZC-2, ZC-3, ZC-4, ZC-6, ZC-7, ZC-8, ZC-9, and ZC-Fire) can be wired serially or in parallel. To wire in series each Zone Controller must have an iden-tification or zone number chosen using the DIP switches on the side of the controller (see diagram A). Each controller must have a unique number chosen although there may be multiple Zone Controllers controlling a single zone, or a single Zone Controller that con-trols multiple outputs. The Zone Controllers can then be wired together and connected to the DriveRack 220i, 260 or ZonePRO units (see diagram B).

The Zone Controllers may also be wired in parallel with the use of the ZC-BOB. To wire in parallel (home run cabling), each controller must have a unique identification or num-ber chosen using the DIP switches on the rear of the panel (see diagram A). To wire in parallel, each controller must be wired into a port of the ZC-BOB with a connecting wire going to the DriveRack or ZonePro (see diagram C). Diagram D shows the typical wiring for ZC-4 Euroblock connections in which the installer needs to use SPDT (single-pole, dou-be-throw) switches with one side being connected to 5 volts (+YREP) and the other side to ground (GND). Diagram E shows the proper way to interface the ZC-Fire to the fre alarm system. Use only the relay/switch closure or the 5-24V DC inputs. Do not use both inputs at the same time. For information regarding ZC setup, please see the respective manual for the Driverack or ZonePro unit that you are setting up.



## **USER GUIDE**





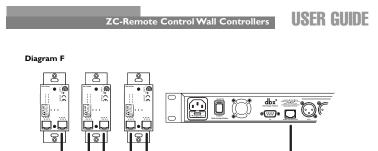
ZC-Fire

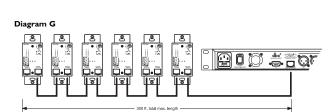
#### Zone Controller Maximum Cable Length

Note - The following cable lengths were achieved using Cat5 Enhanced cable exhibiting a maximum D.C. resistance of 29 Ohms per 1,000 feet. When connecting Zone Controllers in series, the following cable length restrictions apply:

- As shown in Diagram F, any (3) Zone Controllers may be wired in series as long as the total cable length does not exceed 600 feet.
- Any (6) Zone Controllers may be wired in series as long as the total cable length does not exceed 300 feet. Refer to Diagram G.
- Cable runs of up to 1,000 feet may be achieved using "Home Run" wiring. An example of this
  is shown in Diagram H. A dbx Zone Controller Break Out Box (dbx ZC-BOB) is used to parallel several cable runs. It should be noted that a 1,000 foot cable with a single Zone Controller
  may be connected directly to the DriveRack or ZonePro.

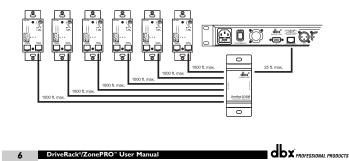






- 600 ft. total max. length





# ZC-Remote Control Wall Controllers

**USER GUIDE** 

Cable Spec: Cat5 Cable - 4-Twisted Pairs of 24AWG wire

RJ-45		RJ-45
(8-Position)	White/Orange	(8-Position)
2	Orange	2 -Zone I
3	White/Green	3 -Zone 2
4	Green	4 -Zone 3
5	White/Blue	5 -Zone 4
6	Blue	6 -Zone 5
7	White/Brown	7 -Zone 6
8	Brown	8 -GND

## Zone Controller Compatibility Chart

zc	DriveRack 220i	DriveRack 260	ZonePro 640/641	ZonePro 1260/1261
Т	×	x	×	×
2	×	×	×	×
3	x	x	x	x
4	×	×	×	×
FIRE			x	×
6			x	x
7			×	×
8			×	×
9				x
вов	x	x	x	x

DriveRack/ZonePRO<sup>-</sup>User Manual 7

