	e photos of your wall bo	es. Fax Toll Free Fa	x to 855-331-3	3421 of	Date:	Rc	om Na		
A	RadioRA® S Complete a workshee controls. See instruction	ioi eacii iooiii wilele	ing Wor you would lik	ksheet e RadioRA	shades to	ads per ins e in your ho your insta	tallation. Yo ome though Illation. Alw	our worksheets. I recommend a mini ou will want more if your goal is to en and if you will ever want to add mo ays over keypad if you can budget th	nd the otorized hat in.
	Sketch room				placed in Enter <mark>K</mark> b	lote: The In Wall Keypad requires a hot & neutral connection. This can als laced in any 3 way location instead of a companion device. nter K below in the Master Control Section & wallbox location (A, B, C, D, ocation must have a Neutral Common White Wire.			
	layout here with wallbox locations. Match to wallbox diagrams below.	Refer to this page for in	rint the last page for your worksheets. efer to this page for instructions eep in mind - Halogen Bulbs Offer the Best Ambiance!		Note: The Hybrid Wall Keypad replaces any existing dimmer or switch so put H in in the first column as it is a dimmer. Neutral is optional & not required. Great for Retrofits. Be advised Hybrids do not play well with dimmable CFL or LED bulbs. I have had success with Cree Bulbs though.			k not th	
		neep ii iiii a ii ii ii gei	Dailed Green time des		However	However, If you want to go all LED - I recommend you Use K & the L			.ED
6	Fill in a description of the lights controlled by each wallbox in your Check boxes at right to designate new controls desired.					Jimmer Instead. RA2 Digital Companion devices are required to complete any 3,4,5 to the second of th			
	Wallbox 1:Front Entry Near	Door Light to	be controlled					Please note if you want to us dimmable LED/CFL bulbs (re	equires
Lutron offers 26 different colors for all of		Chand	elier 700 watts No LE		D			Neutral). I can do non-dim co without a neutral.	ontroi
the in wall devices, wall	AIBICIDI	E F BSpot Li	ghts 100 watts No LE		H			PLEASE NOTE circuit wattage n light circuit - if over 150, 300), 450,
plates and even matching	Wallbox H for Hybrid keypag	ar K for keypad Hall W	ay 150 watts Maybe la	iter LED	CD	1D		600, 800 Watts or over 1000 Total Wattage is very IMPORTANT to correct device loads!	ery IMPORTANT to determi
outlets, GFCI, etc.	Diagram Dia	r LED Dimmer U	75 watts Maybe later L		CL				
Enter - WH Gloss White or SW Satin Snow White.	2ANF 4 Speed Fan (CD Companion Dim CS companion Swit	er F No LED cupancy Sensor	r Landscape lights 675) - switch	5 watts	DV			See directions on next page for 3 way reference directions - Section B, #3 Please note in in the first column if you want to use a CD for companion dimmer or CS for companion switch or P for Pico remote control to be wall mounted for wireless 3 way switch - useful in creating 3, 4, 5+ way circuits where none currently exist (or CDP/CDS for both).	#3 n if nion
Contact me if	Color: Midnight Order Matching \	allplate? X_Yes	be controlled y 150 watts Maybe late	er LED	CL+I	1 (10)			e
you want a color chart with color codes. I also	A I B I C I D	B Closet L	ight 50 watts Maybe la	ter LED			X + M		+
have color samples I can mail out.	Wallbox Diagram	C D						I hate to make this complicated am seeing more 5 & 6+ way circ now. So if you have a lot of 3,4,4	
	Wallbox 3: End of Hall - near Theater Room Light to be controller: Midnight Order Matching Wallplate? X Yes							way circuits - meaning 1 light sw is controlled from multiple locati Please pick the Wallbox & Light y	itch ions -
		A Hall W	A Hall Way 150 watts Maybe later LED		CD	1D		want the RA2 device installed in & then add that circled to your 3 way	/ay
	A B C D	B Hallway	heater Keypad - Need Floor to Ceiling Windo	ws	K			Reference in the 2nd column (1A) & also where the other circuit locations are.	
	Wallbox Diagram	~						For example - you want your RA2 dimmer in Wallbox 1, Light A and	d you
	Wallbox 4: Light to be con							have 4 other locations that will to on that light. Just enter (1A) in the other wallboxes. If these location are in other rooms - please add 1	nose ns
	A B C D							the Page # - 1A1.	
	Wallbox Diagram								Hybrid Keypad D
	J		r this room						LED S Pico
	Include Appliance Mod			∞& Tahleto	n Contro	llars if	needed		CD CS
•	Circle 3PD, 3LD, AP					11013, II	nocueu		2ANF Shade WH
	3PD 3LD APP TT 3PD 3LD APP TT								SW BL
	3PD 3LD APP TT 3PD 3LD APP TT				□ IUTRON ■				

Please specify color for Lamp & Tabletop controls - $\ensuremath{\mathsf{SW}}$ Snow White or $\ensuremath{\mathsf{MD}}$ Midnight Black

Radio RA® System Planning Worksheet Instructions

- A Sketch the rough layout of your room in the box at the top left of the page. Mark the locations of each of your existing wallboxes (light switch locations).
- 1. Starting with the largest wallbox in your room, fill in a description of each wallbox. Mark your sketch with the matching number for each wallbox. Shade out extra switch locations in the wallbox diagrams so they match your wallboxes.
 - 2. Fill in a description of the lights controlled by each switch or dimmer in the wallbox.
 - 3. For each existing switch or dimmer that you would like to include in your RadioRA 2 system, place a mark in the RadioRA Wall Dimmers/Switches column. If that light is controlled from more than one switch location, even in more than one room, place a letter in the 3-Way Reference column. Place the same letter in the 3-Way Reference column for the other switch locations which control that light. Use consecutive letters to mark other multilocation groups. In each multi-location group, circle one letter. To avoid confusion, do this at the wallbox location closest to the light it controls.
 - 4. Place a mark in the Non-System Dimmers/Switches column for any dimmers or switches that will not be controlled by the RadioRA system.

- 5. Place a mark in the box at the far right if you would like to add a Wall-Mounted Master Control to this wallbox location.
- 6. Add up the number of RadioRA Wall Dimmers/Switches needed by counting all marks in the RadioRA Dimmers/Switches column that have NO 3-Way Reference letters beside them, as well as all marks that have a CIRCLED letter beside them (see step B3). This is the number of RadioRA Dimmers/Switches you need. Now add up all the letters in the 3-Way Reference column that are NOT circled. This is the number of Accessory Dimmers you need. Add up the number of Wall-Mounted Master Controls you would like.
- Write in table or floor lamps in this room that you would like to include in your RadioRA system. Also note locations where you would like to have a Tabletop Master Control in this room.
- Complete a worksheet for each room or area in your home. Use the 3-Way References to keep track of lights controlled from multiple rooms. After completing the worksheets, you will have a good estimate of the total number of components you will need to control your home with RadioRA2 Take these worksheets to a RadioRA2 Reseller to learn about additional features, as well as information on system purchase, installation, and setup.

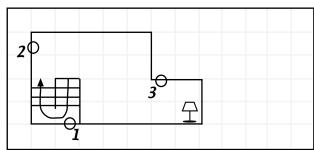
* 3 Way Reference Directions



Radio Ra System Planning Worksheet
Complete a worksheet for each room where you would like RadioRA

Page <u>3</u> of <u>7</u> Date: <u>1/5/01</u> Room Name: **Living Area**





Fill in a description of the lights controlled by each wallbox in your room. Check boxes at right to designate new controls desired.

each wallbox in your room. Paglor in the desired. Paglor in the desired in the de

Hybrid

LED

D P

X

	E F
--	-------

Wallbox Diagram

Wallbox 1: Foyer WH

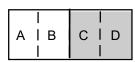
In First Column Enter

H for Hybrid keypad,

controls. See instructions for assistance.

- D for Dimmer or S for Switch LED for LED Dimmer
- CD Companion Dimmer
- CS companion Switch

Wallbox 2: **Dining Room** WH



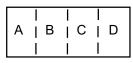
Wallbox Diagram

Wallbox 3: **TV Room**



Wallbox Diagram

Wallbox 4:



Wallbox Diagram

Light to be controlled

Α_	St	ai	r I	iq	ht

- B Family room
- C Front porch light
- D Closet

_

Light to be controlled

A Stair light

B **Dining room table**

Bottom of the stairs keypad install in _place of a companion in 3 way circuit _

D

Light to be controlled

A TV overhead

B *Wall sconces*

_C 4 Speed Ceiling Fan

But no Light on Fan

Light to be controlled

ight to be controlled

D

Ь___

С

Total for this room

D P		
LED		
2ANF		
13	2	

Please Note: The RA2 4 speed ceiling fan can not control a light. If Fan has light - it must be separately wired at the wall switch. If not - then must use RA2 switch which will have No dimming function or speed selection on fan)

Include Appliance Modules, Lamp Dimmer (3PD goes under furniture) & Tabletop Controllers, if needed for this room.

Lamp Dimmer Locations	Tabletop Master Control Locations
LD1 TV lamp MD LED	TT1 Coffee table SW
LD2	TT2



EXAMPLE

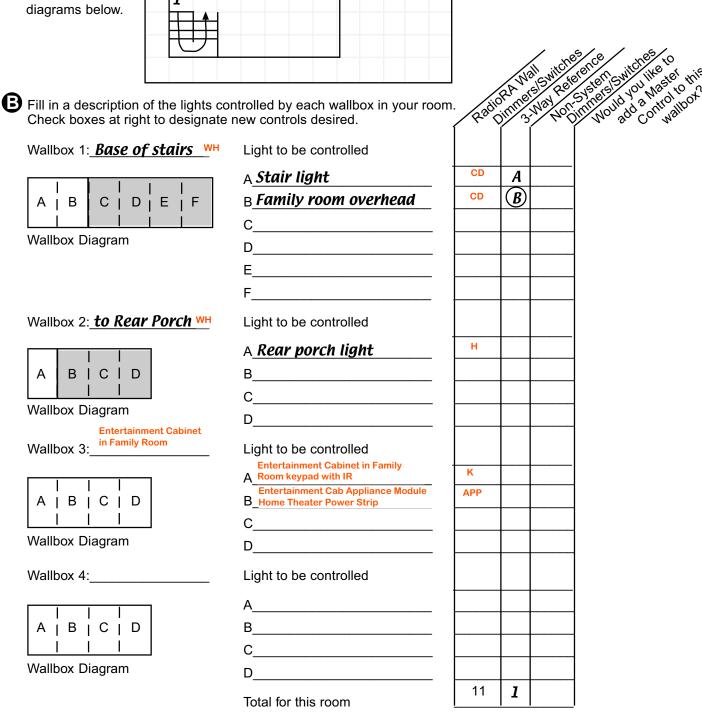
ROGIORA® System Planning Worksheet

Complete a worksheet for each room where you would like RadioRA controls. See instructions for assistance.

A Sketch room layout here with wallbox locations.

Match to wallbox diagrams below

Page <u>4</u> of <u>7</u> Date: <u>1/5/01</u> Room Name: <u>Family Room</u>



Θ	Include Appliance Modules,	Lamp Dimmer (3PD goes under furniture) & Tabletop Conf	trollers, if needed for this room.
	Lamp Dimmer Locations	Tabletop Master Control Locations	

LD1 Entertainment Cabinet Family Rm BL LD2 End Tables in Family Room BL

TT1 End table SW



just text m		x Toll Free Fax to 855-331-3421 Page of	_Date:	Room Name:
	Radio Rasses System Complete a worksheet for each controls. See instructions for a	n Planning Workshee h room where you would like RadioRA	Notes - Prin keypads pe Acne in you to your inst	nt this page for your worksheets. I recommend a minimum of two r installation. You will want more if your goal is to end the Wall ur home though and if you will ever want to add motorized shade allation. Always over keypad if you can budget that in.
	Sketch room layout here with		placed in ar Enter <mark>K</mark> belo	n Wall Keypad requires a hot & neutral connection. This can also b ny 3 way location instead of a companion device. ow in the Master Control Section & wallbox location (A, B, C, D, etc ust have a Neutral Common White Wire.
	wallbox locations. Match to wallbox diagrams below.		so put H in required. Go dimmable C However, If instead. RA	lybrid Wall Keypad replaces any existing dimmer or switch in the first column as it is a dimmer. Neutral is optional & not reat for Retrofits. Be advised Hybrids do not play well with CFL or LED bulbs. I have had success with Cree Bulbs though. You want to go all LED - I recommend you Use K & the LED Dimm 2 Digital Companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to complete any 3,4,5+ way circuit with the companion devices are required to companion devices and the companion devices are required to companion devices and the companion devices are required to companion devices and the companion devices are required to companion devices and the companion devices are required to companion devices and the comp
	Fill in a description of the light Check boxes at right to design	s controlled by each wallbox in your roate new controls desired.	 oom.	John S. May 20 5 Steel Switches to this hour do a Master this the control of the
Lutron offers	Wallbox 1:Order Matching Wallplate?	Light to be controlled		Please note if you want to use dimmable LED/CFL bulbs (ELV requires Neutral).
26 different colors for all of the in wall devices, wall plates and	A B C D E F	B C		PLEASE NOTE the circuit wattage next the light to be controller - Note if ov 150, 300, 450, 600, 800 Watts or ov 1000 Watts. Total Wattage is very
plates and even matching outlets, GFCI, etc. Enter - WH Gloss White or SW Satin Snow White. Contact me if	Diagram Dior Dimmer or CL for LED Dim ELV for LED Dimmer Neutral Re S for Switch or DV for No Neutr 2ANF 4 Speed Fan Only No ligh CD Companion Dimmer CS companion Switch	ypad mer D	-	IMPORTANT to determine correct device load In First Column Enter H for Hybrid keypad K for keypad D for Dimmer Ct for LED Dimmer ELV for LED Dimmer Neutral Required - verify your LED & CFL bulbs are on the approved list - www.lutron.com/led S for Switch Require Neutral DV for No Neutral Switch
you want a color chart with color codes. I also have color samples I can	A B C D	A B C		2ANF 4 Speed Fan Only No light kits CD Companion Dimmer CS companion Switch SH for Shade or M Occupancy Sensor In the Second Column, Enter where your
mail out.	Wallbox 3: Color: Order Matching Wallplat	DLight to be controlled		companion locations need to be. If you want your RA2 dimmer in Wallbox 1, Ligl A and you have 4 other locations that will turn that light. Enter and circle 1A.
	A B C D	A B C		For the other parts of that circuit, Enter 1A in 2i colum in those other wallboxes. If these locations are in other rooms - please ac 1A + the Page # - 1A1 for all those locations.
	Wallbox Diagram	D		
	Wallbox 4: Color: Order Matching Wallplate A B C D	Light to be controlled A B		
	 Wallbox Diagram	C		Hybrid Keypar D LED S
•	Circle 3PD, 3LD, APP or Tal	Total for this room amp Dimmer (3PD goes under furniture) & Tableto Dietop Controller TTs & Enter Color +1		Shade WH SW
	3PD 3LD APP TT	3PD 3LD APP TT 3PD 3LD APP TT		 \$\text{LUTRON} \$\text{\text{\$\\end{ta}}}}}}}\$ \end{tikes }}} \$