URC Ducking Event-Creating an Audio Override

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The following article details the Accelerator 3 software step-by-step process for creating a **URC Amp Ducking Event** and using it as a **Audio Override** when using URC HDA audio. This example shows how to use a turntable to automatically override the existing audio source. This same process can also be used when creating an HDA audio override event for a jukebox, a microphone or any other similar audio device.

Step 12 Macros: Edit Special Macros				_
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a.Auto Macro Generation b.Ma	c.Special Macros	d.Automation Macros	e.TKP-100 Ma	
Select Type of Special Macro :	Macro :			
URC Amp Paging Event	-	□IXI號↔	Q ∎ 🖾 ± ₩ 🕹	₽→₽₽
Device Power Macros Room Power Macros System Off Macros Universal Macros Power Menu Macros URC Sensor Trigger Macros Event Timer Macros Alarm Clock Macros Sleep Timer Macros URC Amp Ducking Event URC Amp Paging Event	PowerC	on/Start Power	Off/Stop	

Location of Ducking Event in Accelerator 3 software - Step 12c

Ducking Events:

- An **HDA Ducking Event** is essentially a Macro programmed in Accelerator that allows the playing of two inputs in a zone.
- One input or sound file is "ducked" on top of another.
- When an input is "ducked" on top of another, the original input in the zone may have its volume reduced by a percentage.
- Setup **Ducking Events** in Accelerator Step 12c, TC Flex 2 Step 10 (Special Macro):

HDA Ducking Event Applications:

- 64 **Ducking Events** may be programmed in the system
- Use for announcements in commercial applications, blending the microphone audio into the zones while decreasing the volume of the current zone input

- Duck a pre-recorded announcement sound file into a zone playing background music, just like what you hear at an airport, or in an office setting
- Duck a pre-recorded sound effect into a zone playing a sporting event, just like sound effects heard at a sports bar when the home team scores
- Blend Two Microphone Inputs together in a zone or group of zones

Adding a Turntable Device to Your Project

1. If you don't already have one in your URC *My Database*, you can create a driver for the turntable by using the following procedure to add a "No Commands" device. This device will not have a user interface or require any control method (IR, IP, RS-232).

This device is required so that it can be assigned to an audio input and a sensor input. *Note: Once this device is created, you can access and use it repeatedly without the need to create a new driver each time!*

In Step #4b - Add Other Devices>Create New Driver, select "Start Blank - Device Not Found".

Program Tools Communi	cations Help			
4.Add Other Devices	rk 7.Properties 8.AV Inputs 9.URC Auc Manager & Outputs Setup	dio 10.URC 11.Edit User 12.Macr Subsystems Interfaces Editing	o 13.Punch 14.Themes Through & Graphics	
	System Designer		Download & Tes	t
	Step 4 Add Non-URC Devices office	+ New Driver		
	1.Select Room :	5.Select Brand :	6.Select Model :	7.View Function List
		Create a New Driver	·	
	2.Select Database :	Module Type :	Category :	
	O My	IR Database	· GENERAL DEVICES	
	3.Select Module Type :	Brand :	Model ·	
	4.Select Category :			
	· · · ·			
		Cancel Driver Creation	Start Blank - Device Not Found Se	lect This Device

2. Choose the "No Commands" option. The No Commands option will allow you to add it as an audio source.

This will create a device with no control and no buttons generated anywhere. It will appear in *Two-way/Advanced Modules* when selecting the Module Type. Click the Next button.



3. In this example, we created the turntable as Brand: Misc, Model: TURNTABLE and Device Type Category: AUX.

We then saved the driver as "*turntable.cd3*" in the custom driver database (or whatever name you prefer).

The default file path is:

C:\Users\<insert_user_name>\Documents\Universal Remote Control, Inc\URC Accelerator 3\CustomDrv

Step 4 Add Non-URC Devices - Office				
Add Selected Meduler b Creat				
1. Select Room :	5 Select Brand :	6 Select Model :	7 View Function List	
Office				
Desuisus Next	Device Driver Edit			53
2.Select Database :				
O URC O My	New Open Save	Save As Edit Information Edit Eurotions		
3.Select Module Type :	C Driver Information		C Driver Properties	
4.Select Category :	Brand :			
AUX	Misc 🛑		Main Functions	1
	Madala a	Dilate	Add	Module
	TURNTABLE	Delete	Delete	nfo
			Volume Popup : Disabled Device has 70V speaker outputs: Yes	
			Power Management & Macro Delay	
	Device Type Category :	Default Sub-Menu :	Power On Delay (sec)	
	AUX	 None/Top Level 	Power Off Delay (sec)	
			Macro Interstep Delay (sec)	
	Control Types : Edit	Project Tree Name (Button Name) :		
	No Commands	Turntable	Analog/Digital Input List the inputs that will be used with the	or the
		Trop I Edit	device. They will be added to the main and area function lists	vice. They
			lists, and an indepentent function controling the built in source will	n list for also be
	-Device Layout and Sync Ac	celeration Option	Edit	Edit
	Change the default settin generate this device's use which layouts are genera un-synced.	gs for how Accelerator will Edit er interfaces. You can adjust ted and which will be synced or		
			This Device is an AV Source or Switcher : Ves	

4. To locate and add the driver to your project, go to Step #4, select **My** under the Select Database section. Select Two-way/Advanced Modules under the Module Type and then select AUX under the Category section. It will appear in *Two-way/Advanced Modules* when selecting the Module Type. You will then see your devices listed and can add them to your project as required. Select *Turntable*.

Click the "Add Selected Modules" button to add it to your project.



Programming the Turntable Audio Override Using HDA Audio Sensing:

Step 1: The initial settings are done under Accelerator Step #5 - Base Station Setup and Step #5b - Sensors.

You will see the Turntable device listed in the Living Room after adding it to your project as detailed above.

Pro Tip: If you are using a standalone turntable, you will usually require a phono preamp to be able to plug it directly into a URC HDA amplifier or HDA-IO Input Stream Adaptor. More information and details here: https://www.audioadvice.com/videos-reviews/what-is-a-phono-preamp:

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5.Base Station 6.Ne	twork	7. Properties Manager	8.AV Inputs	s 9.URC A	udio 10.URC D Subsystems	11.Edit User Interfaces	12.Macro Editing	13.Punch Through	14.Themes & Graphics	Download	
		System	Designer							Download & Te	est
		Step 5 Base St	ation Setup:	SENSORS							
		()	(((*)))	J.							
	a.IR & RS232 b.Sens				lelay						
		Base Statio	n	Port	Sensor Mode	Dev	/ice	d	heck Sensor		
		MRX-8(Off	ice)	1				-Av	ailable Devices	s	
		MRX-8(Off	ice)	2					Office		Living Room
		HDA-4100	(Office)	1					Media Player		Turntable
		HDA-4100	(Office)	2					Media Player - I	N1 1600	
		HDA-4100	(Office)	3					Standard Dr	orbell	
		10A-4100	(onice)	5					o tandara Di		

Step 2: From the list of available devices, drag over the Turntable device to the correct audio sensing port on the HDA unit and verify that <u>URC Sensor Trigger</u> is selected, <u>not</u> Power Tracking. The example below shows using the HDA-8100, Sensor Port #1 as the desired sensor input location.

The available options for URC sensors are:

• Power Tracking (not used for this scenario)

• URC Sensor Trigger - This is the setting required when using the Turntable (audio) as the "trigger"

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5.Base Station Setup	6.Networ Setup	k 7.Properties Manager System	8.AV Inputs 9 & Outputs Designer	URC Audio Setup	10.URC Subsystems	11.Edit User Interfaces	12.Macro Editing	13.Pu Thro
		Step 5 Base St	ation Setup: SE	NSORS				
		a.IR & RS23	(((•))) 2 b.Sensors	c.12V/Relay	,			
		Base Statio	n	Port	Sensor Mod	e	Device	
		MRX-8(Off	ice)	1				
		MRX-8(Off	ice)	2				
		HDA-4100	(Office)	1				
			(Office)	2				
			HDA-4100(Office)					
	HDA-4100(Office)		(Office)	4				
		HDA-1600-	-70V(Office)	1				
		HDA-1600	-70V(Office)	2				
		HDA-1600	-70V(Office)	3				
		HDA-1600	-70V(Office)	4				
		HDA-1600	-70V(Office)	Bal 1				
		HDA-IO(Of	ffice)	1				
		HDA-130(0	Office)	1				
		HDA-130(0	Office)	2				
		HDA-8100	(Living Room)	1	Power Tracki	ng 🔻	Turntable	
		HDA-8100	(Living Room)	2	URC Sensor 1	ng Trigger		
		HDA-8100	(Living Room)	3				

Step 3: In Step #9a, URC Audio Setup>Inputs, you will need to add the turntable as an audio input on the HDA-8100.

Select the HDA-8100 (Living Room) from the *Select Device with Inputs* section and then drag the Turntable audio device from the Living Room into the Input 1 Source section on the HDA-8100.

Step 9 URC Audio Setup: Assig	n AV Sources to Inputs				
A M		The second se		$\langle\rangle$	
a.Inputs b.Input Settings	c.Permanent Zone Groups	d.Zone Assignment	e.Zone Settings	f.Sounds g.F	Room Link Groups
Select Device with Inputs -	Availa	ble Devices			· · · · · · · · · · · · · · · · · · ·
HDA-4100(Office) HDA-1600-70V(Office) HDA-IO(Office) HDA-130(Office) HDA-8100(Living Room)		Office	Livin	g Room	
Input Source Input 1 Turntable Input 2					
Input 3					
Input 4					
Input 5					
Input 6					
Input 7					
Input 8					

Step 4: In Step #9b, URC Audio Setup>Input Settings, we can adjust the Sensor Threshold. The HDA-8100 has the Turntable assigned to Input 1 on the HDA-8100. We adjusted the Sensor Threshold to .3v so that it doesn't switch back to the main music source during quiet passages. You may also need to adjust the Input Level (db) depending on the output gain of the phono preamplifier.

Step 9 URC	Audio Setup: Input	Settings							
						())			
a.Inputs	b.Input Settings	c.Permanent	Zone Groups	d.Zone Assignment	e.Zone Settings	f.Sounds g.R	oom Link Groups		
Select Dev	ice With Inputs								
HDA-4100)(Office))-70V(Office)		Inputs						
HDA-IO(C	HDA-IO(Office) HDA-130(Office) HDA-8100(Living Room)		Input	Device	Input Level (db)	Stereo/Mono	Sensor Delay	Sensor Threshold	
HDA-130(HDA-8100			Input 1	Turntable	-3	Stereo	6 sec	0.3 V	
			Input 2		-3	Stereo	6 sec	0.2 V	
			Input 3		-3	Stereo	6 sec	0.2 V	
			Input 4		-3	Stereo	6 sec	0.2 V	
			Input 5		-3	Stereo	6 sec	0.2 V	
			Input 6		-3	Stereo	6 sec	0.2 V	
			Input 7		-3	Stereo	6 sec	0.2 V	
			Input 8		-3	Stereo	6 sec	0.2 V	

Step 5: After accelerating like normal in step 12a, we will now need to create the URC Amp Ducking Event that will determine the volume, zones and the other desired ducking parameters. Go to Accelerator Step #12c, Special Macros. On the left-side pull-down menu, select **URC URC Amp Ducking Event.**

a.Auto Macro Generation b.Ma		c.Special Macros	d.Automation	Macros	e.TKP-100	M
Select Type of Special Macro :	Macro :					
URC Amp Paging Event	\neg	$\square \mid X \mid \textcircled{P} \leftrightarrow $		1:27 /	. ট+ 4g	++ ∓
Device Power Macros Room Power Macros System Off Macros Universal Macros Power Menu Macros URC Sensor Trigger Macros Event Timer Macros Sleep Timer Macros Sleep Timer Macros URC Amp Ducking Event URC Amp Paging Event	Power	On/Start Power (Off/Stop			Þ

Step 6: Click on the Add Macro button to create the event.

	Step 12 Macros: Edit Special Macros							
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	a.Auto Macro Generation b.Macro	By Room	c.Special	Macros	d.Automa	tion Macros	e.TKP-	100 Ma
	Select Type of Special Macro :	Macro :						
	URC Amp Ducking Event	$ \mathbf{b} 0$		$\mathbb{E} \leftrightarrow$) 🕼 🗖 🛛	回生贺令	₽+0	÷ ⁺
1	Select Room :	Power C	n/Start	Power	Off/Stop			
	· · · · · · · · · · · · · · · · · · ·							
	Add/Delete Nested Macros :							
	Delete Add Macro							
		•						

Step 7: In this example, we will call the URC Amp Ducking Event *Turntable Override*.

There are settings that can be adjusted as desired:

a. **Ducking Rooms/Zones:** Choose the rooms and zones where you want the ducking event to play.

b: **Optional Input Change Before Ducking:** *Not used in this example.*

c: **Volume Level:** *This setting allows you to reduce the existing source volume level. We want the Volume Level (of the existing source) to reduce by 100%. We're going to switch the input to the Turntable.*

d: **Volume Ramp Down:** *This setting determines how long it takes the volume to ramp down.*

e: **Switch to Input:** *This setting allows you to choose the specific stream input for the Turntable. In this example, the Turntable is Stream #4.*

f: **Ducking Duration:** This setting determines how long the ducking event will last. In this example, we want the Ducking Duration to be indefinite so it will stay on the turntable until the signal goes away.

g: **Volume Return Ramp Rate:** *This setting determines how long it takes the volume to ramp to the previous level (if applicable)*

h: **Force Event End:** *This setting forces a ducking event to end on a zone off or an input change*

Click OK when all setting are completed. If you need to make a change, simply double-click on the macro to reopen it, edit it and then resave.

a.Auto Macro Generation b.Macro By Room c.Special Macros d.Automation Macros e.TKP-100 Macros Select Type of Special Macro : Macro : Connected Device Connected Device UBC Amp Ducking Event Image: Connected Device Connected Device Connected Device	e
Select Type of Special Macro : Connected Device Connected Connected Connected Device Connected Device Conne	e
LIRC Amp Durking Event Y ▷ ● □ X ♥ ↔ () [] [] [] ♥ ↔ () [] [] [] ♥ ↔ () [] [] [] ♥ ↔ () [] [] ♥ ↔ () [] ♥ () [] ♥ ↔ () [] ♥ ↔ () [] ♥ ↔ () [] ♥ () ♥ ↔ () [] ♥ ↔ () ♥ () ♥ () ♥ () ♥ () ♥ () ♥ () ♥	e
Connected Device	
Select Room : Power On/Start Power Off/Stop Office Office Office	
URC Amplifier Ducking Event	
Add/Delete Nested Macros : Turntable Override Ducking event actions will execute after volume and input changes are concurrent with Ducking Duration period start.	e set and
Delete Add Macro Optional Input Change Before Ducking	
Kitchen O No Change	
✓ Living Room ✓ Man Cave	Loop
✓ Office Wait before playing sound(seconds) 0.0 ▼	
Volume Level	
Reduce by -100 % T	
Volume Ramp Down	
Time 0.1 sec *	
C Switch to Input	
Play Sound	Loop
Wait before playing sound(seconds) 0.0 🔻	
Input Turntable (Stream #4)	
"Power Off/Stop" macro executes aft © End After 30 sec * period unless the event is prematurel	er this
forced OFF	
Select All Clear All Clear All Clear All Clear All Clear All	
Time 0.1 sec VEnd on any zone off or input d	ange
OK Cancel	

The newly created macro will be saved as shown below:

ro By Room	c.Special			d Automation Macros		e.TKP-100	
URC Amp	lifier Ducki	ng Event	: Turntable	e Override			
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Power (On/Start	Power	Off/Stop				
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	INC Amp	ro By Room C.Special	INC Amplifier Ducking Event	In By Room C.Special Macros d.Autom URC Amplifier Ducking Event : Turntable ▷ ● □ × 만 ↔ ⊕ T Power On/Start Power Off/Stop	Ro By Room C.Special Macros d.Automation Macros URC Amplifier Ducking Event : Turntable Override N C Amplifier Ducking Event : Turntable Ove	Image: Special Macros c.Special Macros d.Automation Macros e.TK URC Amplifier Ducking Event : Turntable Override Image: Special Macros d.Automation Macros e.TK URC Amplifier Ducking Event : Turntable Override Image: Special Macros d.Automation Macros e.TK Power On/Start Power Off/Stop T T Image: Special Macros Power Off/Stop T T	Ro By Room C.Special Macros d.Automation Macros e.TKP-100 URC Amplifier Ducking Event : Turntable Override ○ ○ ○ I × (聖 ↔) ④ ③ ④ 恐 登 恐 少 學 Power On/Start Power Off/Stop

Step 8: Now that we have created the URC Amp Ducking Event, we will need to configure the HDA-8100 audio sensor trigger macro.

Go to Accelerator Step #12c, Special Macros. On the left-side pull-down menu, select **URC Sensor Trigger Macros**.



Step 9: The HDA-8100 trigger macro event will be listed in red. The red colored text means that is has *not yet been programmed* (as shown below):

Step 12 Macros: Edit Special M	acros							
a.Auto Macro Generation b.Macro		By Room	c.Special Macros		d.Automation Macros		e.TKP-100 Ma	
Select Type of Special Macro	:	Sensor : I	HDA-8100	(Turntabl	e)			
URC Sensor Trigger Macros	-		$\blacksquare \mid X$	$\mathbb{E} \leftrightarrow$	🕼 🔳 🛛	回出恐令	· @+ @	
Select Room :	Ŧ	Power (On/Start	Power	Off/Stop			
Add/Delete Nested Macros :								
Delete Add Macro								
HDA-8100 (Turntable)								

Step 10: In the main macro window, click on the asterisk (*) and then select the **IF Statement Type** button and then select the "Else" option.

Step 12 Macros: Edit Special Macros	
a.Auto Macro Generation b.Macro	by Room c.special Macros d.Automation Macros e.TKP-100 Mar
Select Type of Special Macro :	Sensor : HDA-8100 (Turntable)
URC Sensor Trigger Macros	▶ ● □ / × 🖳 < 🖓 깜悶 🖉 🖓 🖓 🖓
Select Room :	Power Of Start Power Off, top
Add/Delete Nested Macros : Delete Add Macro HDA-8100 (Turntable)	IF Statement Type 53 Select the type of IF/Else you want to add to the macro. The type can't be changed after creation. Else +ANU/Else +OR/Else OK Cancel

Step 11: After selecting "Else", the **IF Setting** window will pop up asking you to select the Type of action/trigger desired. Select the **Sensor** option radio button as shown below then select the specific input being used for the HDA-8100 audio sensor trigger.

In the example below, we will choose the Base Station as the HDA-8100 and the Sensor as the Turntable device assigned in Step 2 earlier.

You will then select the ON or OFF option. Normally, you will choose the ON option for an audio sensor trigger as we want to know when the turntable audio is SENSED.

ON = when signal is sensed (*turntable audio sensed*)

OFF = when signal is not sensed (*turntable audio not being sensed*)

Click the OK button.

Step 12 Macros: Edit Special Macros	
a.Auto Macro Generation D.Ma	
Select Type of Special Macro :	Sensor : HDA-8100 (Turntable) Connected Device
URC Sensor Trigger Macros	
Select Room :	Power On/Start Power Off/Stop Office
	Zone 1LR (HDA-4100)
Add/Delete Nested Macros :	IF Setting 83
Delete Add Macro	
HDA-8100 (Turntable)	True Press Time Va
	Relay 12V Thermostat Device Power Time / Date
	URC Client
	Base Station HDA-8100 *
	Sensor Turntable *
	() ON
	0 OFF
	OK Close

Step 12: You can then program the macro for when the sensor input senses audio, in this case, *the turntable audio playing*.

After pressing OK in the step above, you will see the macro window with the conditional variable inserted - the **IF** question regarding the sensor state. However, nothing is yet programmed to play below. That is detailed in the next step.

Step 12 Macros: Edit Special Macros							
↓		000	(the second seco				
a.Auto Macro Generation b.Ma	cro By Room	c.Special Macros	d.Automation Macro	s e.TKP-100 Ma	cros		
Select Type of Special Macro :	Sensor : H	DA-8100 (Turntabl	e)		Connected Device		
URC Sensor Trigger Macros	- -		(<u>)</u> ⊡ ⊡ ± 73 ·	₽₽₽₽÷	Connected Device 🔹		
Select Room :		Power On/Start Power Off/Stop			Office 👻		
	ELSE	Ξ			Zone 1LR (HDA-4100) 🔹		
Add/Delete Nested Macros :	*				Vol+ Vol-		
Delete Add Macro					Mute Power		
HDA-8100 (Turntable)					Mute On Mute Off		
					Treble+		

Step 13: In this step, we will insert the Turntable Override URC Ducking Event that we created in
Step #7 into the conditional programming (also known as *IF/ELSE programming*).
The example below shows a **URC Amp Ducking Event** macro inserted below the **IF** query but *above* the **ELSE** line. This event is selected under the Connected Device column and by selecting
URC Ducking in the dropdown menu. You will then see your previously created event or events.
Since this is a Ducking Event, we want the system to return to the previous audio source when the

turntable stops playing. To accomplish this, insert the Turntable Override (Stop) command under the ELSE section.

Step 12 Macros: Edit Special Macros							
+↓							
a.Auto Macro Generation b.Ma	ro By Room c.Special Macros d.Automation Macros e.TKP-100 Ma	(105					
Select Type of Special Macro :	Sensor : HDA-8100 (Turntable)	Connected Device					
URC Sensor Trigger Macros	│ ▶ ● □ X 만 ↔ @ T ा 1 1 2 3 4 ₽ ♣ ‡	URC Ducking *					
Select Room :	Power On/Start Power Off/Stop	•					
Add/Delete Nested Macros :	- WURC Ducking (Turntable Override-Stop)	Turntable Override Turntable Override (Stop) Stop All Ducking Events					
HDA-8100 (Turntable)							

That's it! If the turntable plays, it will override whatever audio is currently playing, when it's done it will go back.

URC Sensor Testing

To test a URC sensor, use the process below:

a: Go to Accelerator Step #5 - Base Station Setup and Step #5b - Sensors.

b: Select the sensor that you want to test. It can be any device/port that has a sensor attached (*the example below shows the MRX-8, sensor port #1 when using a doorbell as the input when using a URC SEN-CCLS*). The process is the same regardless of the input or sensor chosen.
c: Click on the Check Sensor button. A Test Sensor window will open.
d: Use the Check button to check/update the status of the sensor.

The image below shows the sensor:

OFF = signal/contact is not sensed (*doorbell released or doorbell not being pressed*) or audio not sensed if we had chosen an HDA audio input (ie: *turntable audio not playing*)

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5.Base Station Setup	Network Setup	7.Properties 8.AV Input Manager & Output	ts 9.URC A is Setu	Audio 10.URC 11.1 up Subsystems In	Edit User 12.Macro terfaces Editing	13.Punch Through	h 14.Themes h & Graphics	Download		
		System Designer						Download & Test		
		a.IR & RS232	rs c.12V/	S S Relay						
		Base Station	Port	Sensor Mode	Device		Check Sensor			
		MRX-8(Office)	1	URC Sensor Trigger	Standard Doorbell	CA	vailable Devices			
		MRX-8(Office)	2				Office		Kitchen	
		HDA-4100(Office)	1				Media Player-II	N1 4100 S	tandard #1	
		HDA-4100(Office)	2				Media Player-II	N1 1600 S	tandard #2	
		HDA-4100(Office)	3				Driveway A	Alert S	tandard #5	
		HDA-4100(Office)	4				Gate Ale	rt		
		HDA-1600-70V(Offi	1				Test Sensor			
		HDA-1600-70V(Offi	2				Tese Sensor			
		HDA-1600-70V(Offi	3				Sensor —			
		HDA-1600-70V(Offi	4					ON	OFF	
		HDA-1600-70V(Offi	Bal 1						(Check
								Clos	ie in the second se	

The image below shows the sensor:

ON = signal/contact is sensed (*doorbell pressed*) or audio is sensed if we had chosen an HDA audio input (ie: *turntable audio is playing*)

5.Base Station Setup	rk 7.Properties 8.AV Input Manager & Output System Designer	ts 9.URC A	Audio 10.URC 11.Ed	t User 12.Macro 13.Pr faces Editing Thro	Download	ad & Test
	Step 5 Base Station Setup	: SENSORS	;			
	a.IR & RS232 b.Senso	rs c.12V/	Relay			
	Base Station	Port	Sensor Mode	Device	Check Sensor	
	MRX-8(Office)	1	URC Sensor Trigger	Standard Doorbell	Available Devices	
	MRX-8(Office)	2			Office	Kitchen
	HDA-4100(Office)	1			Media Player -IN1 4100	Standard #1
		-			Media Player-IN1 1600	Standard #2
	HDA-4100(Office)	2			Information	Standard #3
	HDA-4100(Office)	3			Driveway Alert	Standard #4
	HDA-4100(Office)	4			Gate Alert	
	HDA-1600-70V(Offi	1			Test Sensor	
	HDA-1600-70V(Offi	2			Canada	
	HDA-1600-70V(Offi	3			Sensor	
	HDA-1600-70V(Offi	4			ON	OFF
	HDA-1600-70V(Offi	Bal 1				Check
						Close

Thanks to Lee Rambler for this programming scenario!

Additional Information & Resources:

Please refer to this article for the difference between a **Paging Event** and a **Ducking Event** Please refer to this article giving a basic overview of the **HDA Ducking Event** and its capabilities Please refer to this article detailing how to use using the **audio sensing automation** capabilities

on the HDA amplifiers

You can also view the short video in the URC Video Portal titled Audio Source Automation: Create automation using HDA audio sensors utilizing a 3rd party audio source as the trigger.

To learn more about HDA products and programming, please see the HDA Programmers Guide or the Accelerator 3 online Programming Guide.

