

IFTTT Maker Driver

Google Home / Google Pixel Examples

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Overview

IFTTT (an abbreviation of "If This Then That") is a free web-based service that allows users to create chains of simple conditional statements, called "recipes", which are triggered based on changes to other web services and products.

IFTTT integration into Control4 allows Control4 to control any of the products or services integrated into IFTTT and have those products also control Control4.

Google Home is a voice activated product that brings the Google assistant to any room in your home via a Wi-Fi connected speaker.

This document guides you through integration of the Google Home and Google Pixel products to Control4 using the Chowmain IFTTT maker driver.

Note this document assumes that you have setup the Chowmain IFTTT maker driver for Control4. If you have not done so please refer to the document titled Chowmain - IFTTT Maker Driver Installation Guide.

Programming Inbound Google Home/Pixel Commands

IFTTT can send commands to Control4 to trigger programming on Control4 to turn devices on/off, playback music, open doors or anything you can dream of. You will need to complete two parts of programming to achieve this. One part is in IFTTT and the other part is in Control4.

Example 1 - Using Google Home to turn your house off.

IFTTT Portion

- 1. Goto 'http://ifttt.com' via your web browser.
- 2. Click on My Recipes
- 3. Click on Create a Recipe

Create a Recipe

4. Click on 'this'





5. Type in **google** in the search bar



- 6. Select the Google Assistant channel
- 7. It will now prompt you for an Action. Select 'Say a simple phrase'

•r	Choose	а	Trigger

Say a simple phrase

This trigger fires when you say "Ok Google" to the Google Assistant followed by a phrase you choose. For example, say "Ok Google, I'm running late" to text a family member that you're on your way home.

8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'turn the house off'.

🕙 What do you want to say?

turn the house off

9. If will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.



🕙 What's another way to say it? (optional)

switch off the house

🕙 And another way? (optional)

house all off

10. It will now prompt you for the response you want the assistant to say. In this case we specified 'Ok turning the whole house off'.



Ok turning the whole house off

11. Click on Create Trigger



12. Click on 'that'



13. Type in **pushover** in the search bar



Choose Action Channel step 4 of 7 Showing Channels that provide at least one Action. View all Channels pushover



14. Select the Pushover channel

15. It will now prompt you for an Action. Select 'Send a Pushover notification

Send a Pushover notification This Action will generate a Pushover notification to your subscribed devices

- 16. It will now prompt you to complete the action fields.
- 17. The Title will be used in Control4 as the primary variable. In this case type in 'house'

NOTE: this is case sensitive so please type this in exactly the same as how you will in composer



18. The Message will be used in Control4 as a secondary variable In this case type in 'all off'

NOTE: this is case sensitive so please type this in exactly the same as how you will in composer

back -

chc	offware & apps
	🧭 Message
	all off

19. In the Device dropdown select 'Control4_IFTTT'



20. Click on Create Action



21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button



22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.

Composer Portion

- 1. Click on the 'Programming' Tab
- 2. Under Device Events select the IFTTT Maker Driver.
- 3. Click on the radio button next to 'IFTTT Action Detected'
- 4. On the Device Actions side click on the + symbol next to the IFTTT Maker Device action to expand it.



- 5. Highlight Last Title
- 6. Click on the 'Conditionals' tab



- 7. Type in the title we set earlier (in this case it was **house**)
 - ⊙ Is = ▼ house
- 8. Drag the 'Question' mark over to your script
- 9. Highlight Last Message
- 10. Click on the 'Conditionals' tab
- 11. Type in the message we set earlier (in this case it was all off)

⊙ Is = ▼ all off	
------------------	--

- 12. Drag the 'Question' mark over to your script and place it inside the first conditional.
- 13. Select the actions or macro's you want to fire and drag it into the second conditional. Your script should look something like this.



If Development->IFTTT Maker->Last Title EQUAL TO house
If Development->IFTTT Maker->Last Message EQUAL TO all off
Execute Macro 'All Off'

- 14. Note that the question marks and arrows are indented from the left. If they are indented it means that they are executed when that condition is true. This is important.
- 23. Congratulations you have successfully setup the Google Home with IFTTT and Control4. Test it out by saying 'Ok Google' + the phrase we defined (in this case 'turn the house off').

Example 2 – Using Google Home to dim lights to a percentage.

IFTTT Portion

- 1. Goto 'http://ifttt.com' via your web browser.
- 2. Click on My Recipes
- 3. Click on Create a Recipe



Create a Recipe

4. Click on 'this'



5. Type in google in the search bar



- 6. Select the Google Assistant channel
- 7. It will now prompt you for an trigger. Select 'Say a phrase with a number'



8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'dim bedroom lights to # percent'. The # sign is used to capture numbers and will be used as a variable later.



🔨 What do you want to say?

dim bedroom lights to # percent

Enter a # where you'll say the number ingredient

9. If will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

🔨 What's another way to say it? (optional)

set bedroom lights to # percent

Enter a # where you'll say the number ingredient

* And another way? (optional)

switch bedroom lights to # percent

Enter a # where you'll say the number ingredient

- 10. It will now prompt you for the response you want the assistant to say. In this case we specified 'Ok Setting bedroom lights to # percent'.
 - 🔨 What do you want the Assistant to say in response?

Ok. Setting bedroom lights to # percent.

You can enter a # where you want to hear the number in the response

11. Click on Create Trigger

Create Trigger

12. Click on 'that'





13. Type in **pushover** in the search bar

Choose Action Channel step 4 of 7 Showing Channels that provide at least one Action. View all Channels pushover



- 14. Select the Pushover channel
- 15. It will now prompt you for an Action. Select 'Send a Pushover notification



- 16. It will now prompt you to complete the action fields.
- 17. The Title will be used in Control4 as the primary variable. In this case type in 'dim bedroom lights'

NOTE: this is case sensitive so please type this in exactly the same as how you will in composer



dim bedroom lights

18. The Message will be used in Control4 as a secondary variable In this case type in '{{NumberField}}'





19. In the Device dropdown select 'Control4_IFTTT'



20. Click on Create Action



21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button



22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.

Composer Portion

- 1. Click on the 'Programming' Tab
- 2. Under Device Events select the IFTTT Maker Driver.
- 3. Click on the radio button next to 'IFTTT Action Detected'
- 4. On the Device Actions side click on the + symbol next to the IFTTT Maker Device action to expand it.



5. Highlight Last Title



- 6. Click on the 'Conditionals' tab
- 7. Type in the title we set earlier (in this case it was dim bedroom lights)

⊙ Is	=	•	dim bedroom lights

- 8. Drag the 'Question' mark over to your script
- 9. In the Device Actions side expand your light



- 10. Select the LIGHT_LEVEL device variable
- 11. Click on the radio button next to 'Set to value of'
- 12. Select IFTTT Maker->Last Message (Number)
 - Set to Value of

IFTTT Maker->Last Message (Number)

13. Drag the 'Arrow' over to your script and place it inside the first conditional.

If Development->IFTTT Maker->Last Title EQUAL TO dim bedroom lights
 Set Master Bedroom->Master Bedroom->PRESET_LEVEL to the value of IFTTT Maker->Last Message (Number)

23. Congratulations you have successfully setup the Google Home to dim lights with IFTTT and Control4. Test it out by saying 'Ok Google' + the phrase we defined (in this case 'dim bedroom lights to xxx percent' where xxx is a number between 0 and 100).



Example 3 - Using Google Home to set the temperature on a thermostat.

IFTTT Portion

- 1. Goto 'http://ifttt.com' via your web browser.
- 2. Click on My Recipes
- 3. Click on Create a Recipe

Create a Recipe

4. Click on 'this'



5. Type in **google** in the search bar



6. Select the Google Assistant channel



7. It will now prompt you for an trigger. Select 'Say a phrase with a number'

Say a phrase with a number	
This trigger fires when you say "Ok Google" to the Google Assistant followed by a phrase like "Set Nest thermostat to 68."	

8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'set thermostat to # degrees'. The # sign is used to capture numbers and will be used as a variable later.

🕙 What do you want to say?

set thermostat to # degrees

Enter a # where you'll say the number ingredient

9. If will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

🔨 What's another way to say it? (optional)

set temperature to # degrees

Enter a # where you'll say the number ingredient

🐮 And another way? (optional)

change temperature to # degrees

Enter a # where you'll say the number ingredient

10. It will now prompt you for the response you want the assistant to say. In this case we specified 'Ok. Setting thermostat's temperature to # degrees'.



Ok. Setting thermostat's temperature setpoint to # degrees.

You can enter a # where you want to hear the number in the response





12. Click on 'that'



13. Type in **pushover** in the search bar



15. It will now prompt you for an Action. Select 'Send a Pushover notification





- 16. It will now prompt you to complete the action fields.
- 17. The Title will be used in Control4 as the primary variable. In this case type in 'set thermostat setpoint'

NOTE: this is case sensitive so please type this in exactly the same as how you will in composer



18. The Message will be used in Control4 as a secondary variable In this case type in '{{NumberField}}'

🦉 Message	
{{ <u>NumberField</u> }}	—

19. In the Device dropdown select 'Control4_IFTTT'

🥟 Device	
Control4_IFTTT	•

20. Click on Create Action



21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button



22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.



Composer Portion

- 1. Click on the 'Programming' Tab
- 2. Under Device Events select the IFTTT Maker Driver.
- 3. Click on the radio button next to 'IFTTT Action Detected'
- 4. On the Device Actions side click on the + symbol next to the IFTTT Maker Device action to expand it.



- 5. Highlight Last Title
- 6. Click on the 'Conditionals' tab

-

7. Type in the title we set earlier (in this case it was set thermostat setpoint)

⊙ is |=.

set thermostat setpoint

- 8. Drag the 'Question' mark over to your script
- 9. In the Device Actions side select your thermostat.
- 10. Select Set HVAC Mode to and set it as Auto.
- 11. Drag the 'Arrow' over to your script and place it inside the first conditional.



12. Expand the thermostat driver on the actions side

E 🔙 Control4 Wireless Thermostat EG Device Variables - 🕜 SCALE (4) HVAC_MODE (G FAN_MODE) (HOLD_MODE (G HVAC_STATE G FAN_STATE (C) VACATION_MODE (4) VACATION_HEAT_SETPOINT - VACATION_COOL_SETPOINT (IS_CONNECTED G HEATPUMP (C) PRIMARY_HEAT_SOURCE AUXILIARY_HEAT_SOURCE G EMERGENCY_HEAT_SOURCE REVERSING_VALVE
 CALIBRATION (C) TEMPERATURE_F (C) TEMPERATURE_C G HEAT_SETPOINT_F G HEAT_SETPOINT_C COOL_SETPOINT_F COOL_SETPOINT_C

- 13. Select the HEAT_SETPOINT_F or HEAT_SETPOINT_C device variable
- 14. Click on the radio button next to 'Set to value of'
- 15. Select IFTTT Maker->Last Message (Float)
 - Set to Value of
 IFTTT Maker->Last Message (Float)
- 16. Drag the 'Arrow' over to your script and place it inside the first conditional.



17. Repeat steps 40-43 for COOL_SETPOINT_F or COOL_SETPOINT_C device variables

- 🚏 If Development->IFTTT Maker->Last Title EQUAL TO set thermostat setpoint
 - Set the system mode on Development->Control4 Wireless Thermostat to Auto
 - Set Development->ThermostatV2->HEAT_SETPOINT_F to the value of IFTTT Maker->Last Message (Float)
 - Set Development->ThermostatV2->COOL_SETPOINT_F to the value of IFTTT Maker->Last Message (Float)
- 23. Congratulations you have successfully setup the Google Home to set the temperature on the thermostat with IFTTT and Control4. Test it out by saying 'Ok Google' + the phrase we defined (in this case 'set temperature to xxx degrees' where xxx is the desired temperature).

Example 4 - Using Google Home to select a channel on your TV.

IFTTT Portion

- 1. Goto 'http://ifttt.com' via your web browser.
- 2. Click on My Recipes
- 3. Click on Create a Recipe



4. Click on 'this'



5. Type in google in the search bar





- 6. Select the Google Assistant channel
- 7. It will now prompt you for an trigger. Select 'Say a phrase with a text ingrediant



8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'switch tv to \$'. The \$ sign is used to capture text and will be used as a variable later.



switch tv to \$

Enter a \$ where you'll say the text ingredient



9. If will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

🕙 What's another way to say it? (optional)

turn on \$

Enter a \$ where you'll say the text ingredient

🥙 And another way? (optional)

change tv to \$

Enter a \$ where you'll say the text ingredient

10. It will now prompt you for the response you want the assistant to say. In this case we specified 'Ok, turning on \$'.

🔨 What do you want the Assistant to say in response?

Ok, turning on \$

You can enter a \$ where you want to hear the text ingredient in the response

11. Click on Create Trigger

Create Trigger

12. Click on 'that'





15. Type III pusitover III the search ba

Choose Action Channel step 4 of 7 Showing Channels that provide at least one Action. View all Channels pushover



14. Select the Pushover channel

15. It will now prompt you for an Action. Select 'Send a Pushover notification

Send a Pushover notification This Action will generate a Pushover notification to your subscribed devices



- 16. It will now prompt you to complete the action fields.
- 17. The Title will be used in Control4 as the primary variable. In this case type in 'set channel'

NOTE: this is case sensitive so please type this in exactly the same as how you will in composer



18. The Message will be used in Control4 as a secondary variable In this case type in '{{TextField}}'

🥟 Message	
{{TextField}}	д

19. In the Device dropdown select 'Control4_IFTTT'

꼥 Device	
Control4_IFTTT	•

20. Click on Create Action



21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button



22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.



Composer Portion

- 1. Click on the 'Programming' Tab
- 2. Under Device Events select the IFTTT Maker Driver.
- 3. Click on the radio button next to 'IFTTT Action Detected'
- 4. On the Device Actions side click on the + symbol next to the IFTTT Maker Device action to expand it.



- 5. Highlight Last Title
- 6. Click on the 'Conditionals' tab
- 7. Type in the title we set earlier (in this case it was **set channel**)

	_	_	
			and the second
(•) «	=	T	Iset channel
NO 10 1			

- 8. Drag the 'Question' mark over to your script
- 9. Highlight Last Message under the IFTTT Maker device variables
- 10. Click on the 'Conditionals' tab
- 11. Type in the channel you want to match. Note that this variable is dynamic and is dependent on what the user says (it is the \$ variable in the switch tv to \$).
 - ⊙ Is = ▼ CNN
- 12. Drag the 'Question' mark over the first question mark in your script
- 13. In the device actions select the room you want to play the channel in.
- 14. Click on the ... next to Select Media
- 15. Click on **Broadcast Video**



16. Select the channel you want and click on OK

J)) Browse For Media					БX
	Media Type	Art	Channel #	Name	Description	
	Albums		001	One HD		
	Playlists	808	002	ABC 1		
	Movies	#	003	SBS One		
	Broadcast Audio	7	007	Seven Digital		
	Broadcast Video	11155	009	Nine Digital		
	Rhapsody Channels	٢	010	Ten Digital		
	Rhapsody My Playlists	0	011	Eleven		
		100	014	TVSN		
		1	015	15 Spree TV		
	Title	20	022	ABC 2		
			023	ABC 3		
		5224	024	ABC News 24		
		4	030	SBS HD		
		-2	032	SBS Two		
			034	NITV		
		-	044	C31		-
		•				
Selected Media: OK Cancel				Cancel		

- 17. Drag and drop the arrow on top of the second quotation mark.
- 18. Repeat steps 53-61 for each additional channel you wish to program in.

If Development->IFTTT Maker->Last Title EQUAL TO set channel
 If Development->IFTTT Maker->Last Message EQUAL TO CNN
 Select the channel "101 - CNN" in Living / Dining
 If Development->IFTTT Maker->Last Message EQUAL TO MTV
 Select the channel "102 - MTV" in Living / Dining
 If Development->IFTTT Maker->Last Message EQUAL TO Disney
 Select the channel "144 - Disney" in Living / Dining

23. Congratulations you have successfully setup the Google Home to change channels with Control4. Test it out by saying 'Ok Google' + the phrase we defined (in this case 'switch tv to xxx' where xxx is the desired channel name).



Example 5 - ADVANCED - Using text and number variables for easy programming

In the last 4 examples we utilised either no variables, a single number or a single text variable to program. In this example we simplify whole home based programming by using string variables and number variables in both the title field and message fields. Note since this is so generic it makes it easier to program but is less personalised.

IFTTT Portion

- 1. Goto 'http://ifttt.com' via your web browser.
- 2. Click on My Recipes
- 3. Click on Create a Recipe



4. Click on 'this'



5. Type in google in the search bar



6. Select the **Google Assistant** channel



7. It will now prompt you for an trigger. Select 'Say a phrase with both a number and a text ingrediant



 It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'Turn \$ to #'. The \$ sign is used to capture text and the # is used to capture numbers. This will be used as a variable later.



Turn \$ to #

Enter a \$ where you want to say the text ingredient and a # where you want to say the number



9. If will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

🕙 What's another way to say it? (optional)

Switch \$ to

Enter a \$ where you want to say the text ingredient and a # where you want to say the number

🤨 And another way? (optional)

Change \$ to

Enter a \$ where you want to say the text ingredient and a # where you want to say the number

10. It will now prompt you for the response you want the assistant to say. Since the trigger phrase is so generic in this case we should put something generic back like 'Ok. I'll do that for you'.

🕙 What do you want the Assistant to say in response?

Ok. I'll do that for you.

You can enter a \$ or a # where you want to hear the text or number in the response

11. Click on Create Trigger

Create Trigger

12. Click on 'that'





15. Type III pusitover III the search ba

Choose Action Channel step 4 of 7 Showing Channels that provide at least one Action. View all Channels pushover



14. Select the Pushover channel

15. It will now prompt you for an Action. Select 'Send a Pushover notification

Send a Pushover notification This Action will generate a Pushover notification to your subscribed devices



- 16. It will now prompt you to complete the action fields.
- 17. The Title will be used in Control4 as the primary variable. In this case type in '{{TextField}'

7 Title	
{{TextField}}	Δ

18. The Message will be used in Control4 as a secondary variable In this case type in '{{NumberField}}'

🖉 Message	
{{ <u>NumberField</u> }}	<u>ــــــــــــــــــــــــــــــــــــ</u>

19. In the Device dropdown select 'Control4_IFTTT'



20. Click on Create Action



21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button



22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.



Composer Portion

- 1. Click on the 'Programming' Tab
- 2. Under Device Events select the IFTTT Maker Driver.
- 3. Click on the radio button next to 'IFTTT Action Detected'
- 4. On the Device Actions side click on the + symbol next to the IFTTT Maker Device action to expand it.



- 5. Highlight Last Title
- 6. Click on the 'Conditionals' tab
- 7. Type in the text capture we want to program for. This is the \$ part of 'Turn \$ to #'

⊙ 1∝	=	-
10 IS	-	

Master Lights

- 8. Drag the 'Question' mark over to your script
- 9. In the Device Actions side expand your light



- 10. Select the LIGHT_LEVEL device variable
- 11. Click on the radio button next to 'Set to value of'
- 12. Select IFTTT Maker->Last Message (Number)



Set to Value of

IFTTT Maker->Last Message (Number)

- 13. Drag the 'Arrow' over to your script and place it inside the first conditional.
 - If Development->IFTTT Maker->Last Title EQUAL TO dim bedroom lights
 Set Master Bedroom->Master Bedroom->PRESET_LEVEL to the value of IFTTT Maker->Last Message (Number)

-

24. Congratulations you have successfully setup the Google Home to dim lights with IFTTT and Control4. Test it out by saying 'Ok Google' + the phrase we defined (in this case 'Switch master lights to xxx' where xxx is a number between 0 and 100).

Example 6 – ADVANCED - Using Google Home to make an announcement over your Control4 connected speakers.

This example will say your announcement over Control4 enabled speakers in the home.

NOTE: This example requires the use of the Chowmain Advanced Announcements driver for Control4.

IFTTT Portion

- 1. Goto 'http://ifttt.com' via your web browser.
- 2. Click on My Recipes
- 3. Click on Create a Recipe

Create a Recipe

4. Click on 'this'

if<u>this</u>thenthat

5. Type in **google** in the search bar





- 6. Select the Google Assistant channel
- 7. It will now prompt you for an trigger. Select 'Say a phrase with a text ingrediant



8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'say this in the home \$'. The \$ sign is used to capture text and will be used as a variable later.



say this in the home \$

Enter a \$ where you'll say the text ingredient



9. If will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

🕙 What's another way to say it? (optional)

announce this in the home \$

Enter a \$ where you'll say the text ingredient

🤨 And another way? (optional)

announce the following in the home \$

Enter a \$ where you'll say the text ingredient

10. It will now prompt you for the response you want the assistant to say. In this case we specified 'Ok, turning on \$'.

🔨 What do you want the Assistant to say in response?

Announcing \$

You can enter a \$ where you want to hear the text ingredient in the response

11. Click on Create Trigger

Create Trigger

12. Click on 'that'





13. Type in **pushover** in the search bar

Choose Action Channel step 4 of 7 Showing Channels that provide at least one Action. View all Channels	
pushover	



- 14. Select the Pushover channel
- 15. It will now prompt you for an Action. Select 'Send a Pushover notification

Send a Pushover notification This Action will generate a Pushover notification to your subscribed devices	

- 16. It will now prompt you to complete the action fields.
- 17. The Title will be used in Control4 as the primary variable. In this case type in 'announcement'



NOTE: this is case sensitive so please type this in exactly the same as how you will in composer



18. The Message will be used in Control4 as a secondary variable In this case type in '**{{TextField}}**'. This will embed the tweet into the message.

NOTE: this is Google Assistant's variable. It has to be exactly as below. You can see their variables by clicking on them on the text field. They are all encapsulated in double curly brackets {{ }}

🥐 Message	
{{TextField}}	<u>ــــــــــــــــــــــــــــــــــــ</u>

19. In the Device dropdown select 'Control4_IFTTT'

🧷 Devi	ce	
Control4_	FTTT	•
	-	

20. Click on Create Action



21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button



22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.



Composer Portion

NOTE: This portion assumes that you have already installed and configured the Chowmain Advanced Announcements driver as per the Advanced Announcements installation guide in particular the section labelled '**Creating an announcement**'.

- 1. Click on the 'Programming' Tab
- 2. Under Device Events select the IFTTT Maker Driver.
- 3. Click on the radio button next to 'IFTTT Action Detected'
- 4. On the Device Actions side click on the + symbol next to the IFTTT Maker Device action to expand it.

E	- 🔰 IFTTT Maker
	🔏 Last Title
	G Last Message

- 5. Highlight Last Title
- 6. Click on the 'Conditionals' tab
- 7. Type in the title we set earlier (in this case it was announcement)

⊙ s = 🔽	announcement
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- 8. Drag the 'Question' mark over to your script
- 9. On the Device Actions side highlight the Advanced Announcements driver
- 10. Click on the Radio Button labelled 'Device Specific Command'
- 11. Select the text to speech service you want to use (in this case we're using VoiceRSS).

•

Device Specific Command

VoiceRSS



12. In the Text to Convert dropdown select IFTTT Maker->Last Message

Text To Convert	IFTTT Maker->Last Message	•
-----------------	---------------------------	---

13. Select the Voice/Language you want to use

Voice English (Australia)

14. Set the speed of the voice (we recommend 0)

Coord	d	
sheen	i ju	•

15. Drag the arrow into the conditional in your script. It should look similar to this (note that it is indented this means it will fire if the conditional is true).

V IFTTT Action Detected

- If Development->IFTTT Maker->Last Title EQUAL TO announcement
 Convert IFTTT Maker->Last Message to speech using www.voicerss.org with voice English (Australia) at speed 0
 - 16. On the events side of the screen select the 'Advanced Announcements' driver.
 - 17. Click on the event 'WAV file Created'.
 - 18. Under the actions side click on the 'Announcement' action
 - 19. Select 'Advanced Announcement' from the Announcements list.
 - 20. Drag the green arrow into the script section.



Execute Announcement 'Advanced Announcement'

21. Congratulations you have successfully setup the Google Home to make announcement's through your Control4 connected speakers. Test it out by saying 'Ok Google' + the phrase we defined (in this case 'say this in the home xxx' where xxx is the desired phrase you want read out over your speakers).



Example 7 – Tell Control4 to route google cast to another room.

This example will tell you how to utilize a single Google Cast device in a multi channel amplifier and have it route to different rooms dynamically.

IFTTT Portion

- 1. Goto 'http://ifttt.com' via your web browser.
- 2. Click on My Recipes
- 3. Click on Create a Recipe



4. Click on 'this'



5. Type in **google** in the search bar



- 6. Select the Google Assistant channel
- 7. It will now prompt you for an trigger. Select 'Say a phrase with a text ingrediant



Say a phrase with a text ingredient This trigger fires when you say "Ok

Google" to the Google Assistant followed by a phrase like "Post a tweet saying 'New high score."

8. It will now prompt you for what you want to say. Type in the phrase you want to react on. In this case we used 'playback chromecast in \$'. The \$ sign is used to capture text and will be used as a variable later.



Set music to play in \$

Enter a \$ where you'll say the text ingredient



9. If will prompt you for alternative ways to say it. Fill these in as well to improve accuracy.

🐮 What's another way to say it? (optional)

Make my music play in \$

Enter a \$ where you'll say the text ingredient

🤨 And another way? (optional)

Change music to play in \$

Enter a \$ where you'll say the text ingredient

10. It will now prompt you for the response you want the assistant to say. In this case we specified 'Ok, Chromecast playback is being set to \$'.

🔨 What do you want the Assistant to say in response?

Ok. Playback of music now set to \$

You can enter a \$ where you want to hear the text ingredient in the response

11. Click on Create Trigger

Create Trigger

12. Click on 'that'





15. Type III pusitover III the search ba

Choose Action Channel step 4 of 7 Showing Channels that provide at least one Action. View all Channels pushover



14. Select the Pushover channel

15. It will now prompt you for an Action. Select 'Send a Pushover notification

Send a Pushover notification This Action will generate a Pushover notification to your subscribed devices



- 16. It will now prompt you to complete the action fields.
- 17. The Title will be used in Control4 as the primary variable. In this case type in 'set room'

NOTE: this is case sensitive so please type this in exactly the same as how you will in composer



18. The Message will be used in Control4 as a secondary variable In this case type in '{{TextField}}'

🥐 Message	
{{TextField}}	<u>二</u>

19. In the Device dropdown select 'Control4_IFTTT'



20. Click on Create Action



21. It will now ask you to review your recipe. Once you have confirmed it is right then click on the 'Create Recipe' button



22. Congratulations you have setup the IFTTT portion. Now you need to setup the composer portion of the code.



Composer Portion

- 1. Add the chromecast no control driver in from the online database and make the relevant binding to your multi channel amplifier.
- 2. Click on the 'Agents tab'
- 3. Click on Variables
- 4. Click on Add

Variables	Add	Delete
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- 5. Type a name for the variable eg 'Cast Room'
- 6. Set the Varaible Type to 'String'

New Variable		B
New Variable		
Name:	Cast Room	OK
Variable Type:	String	Cancel

- 7. Click on the 'Programming' Tab
- 8. Under Device Events select the IFTTT Maker Driver.
- 9. Click on the radio button next to 'IFTTT Action Detected'
- 10. On the Device Actions side click on the + symbol next to the IFTTT Maker Device action to expand it.





- 11. Highlight Last Title
- 12. Click on the 'Conditionals' tab
- 13. Type in the title we set earlier (in this case it was set channel)

⊙ Is	=	•	set room

- 14. Drag the 'Question' mark over to your script
- 15. Expand the Variables Action by pressing the + button
- 16. Click on the variable we created earlier eg 'Cast Room'
- 17. Click on the radio button next to 'Set to Value of'
- 18. In the drop down box select 'IFTTT Maker -> Last Message'

Set to Value of IFTTT Maker->Last Message

19. Drag the green arrow over the question mark and drop it. The action will indent which signifies that it will only fire when the condition is true.



- 20. On the events side select your amplifier.
- 21. Select the Audio input that the Chromecast is connected to in the drop down box.



22. Select Starts Sensing Audio



- 23. On the 'Cast Room' variable click on Conditionals.
- 24. Type in the room name you want to check for

⊙ Is = ▼ Master Bedroom

- 25. Drag in the question mark into the script
- 26. Click on the room in the action side.
- 27. Click on Select an Audio Source and select the chromecast
 - ⊙ Select an Audio Device

Evelyn's Room->Chromecast

28. Drag and drop the green arrow on top of the question mark.

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29. Repeat steps 8 – 28 for each room you want to set



- If Variables->Cast Room EQUAL TO Master Bedroom
 Select the Chromecast as the audio source in Master Bedroom
 If Variables->Cast Room EQUAL TO Evelyn's Bedroom
 Select the Chromecast as the audio source in Evelyn's Room
- 30. Do the same but for the Stops Sensing Audio and to perform a Room Off.
- 23. Congratulations you have successfully setup the Google Home to utilise a single chromecast to playback in multiple rooms. Test by saying 'Ok Google. Make my music play in xxx' where xxx is the room name. After that test by telling Google to cast audio to that chromecast.