

# ONE SAT

Programmable Multichannel Amplifier

Complete solution for signal processing of TV (terrestrial and satellite) in communities

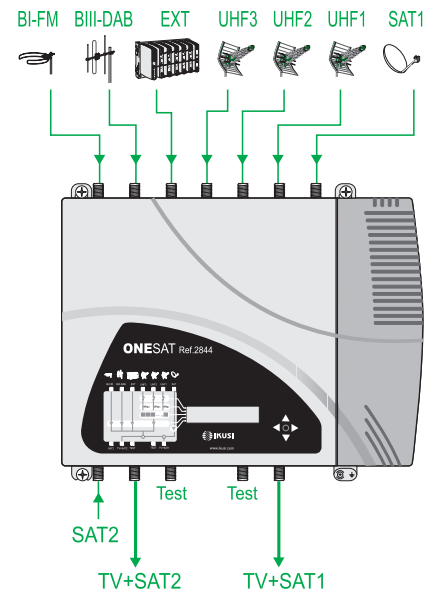
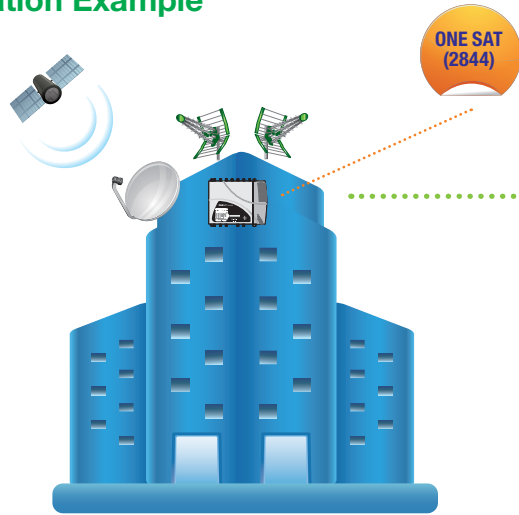


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## Application Example



## Main Features

Model Ref.		ONE SAT (AFP-292) 2844							
Inputs		BI-FM 1	BI-III-DAB 1	UHF1 3	UHF2 3	UHF3 3	EXT (VHF/UHF) 1	FI-SAT 1	FI-SAT (passive) 1
Bandwidth	MHz	47-108	174-240	470-862 *			47-240 / 470-862	950-2150	950-2150
Input configuration Number of programmable UHF filters per input		-	-	10	0	0	-	-	-
		-	-	9	0	1	-	-	-
		-	-	7	0	3	-	-	-
		-	-	2	5	3	-	-	-
Gain	Configuration TV2 & TV1	30	35	35/55 (switchable)			35	40	-1.5
	Configuration TV1	35	40	40/60 (switchable)			40	40	-
Gain adjustment	dB	25	20	30			20	20	-
Noise figure	dB	<6	<6	<6			<6	<9	-
Optimum input margin	dB $\mu$ V	60-85	60-80	50-80 / 70-100			60-80	68-88	-
Return losses	dB	>10	>10	>10			>10	>10	>10
Selectivity ( $\pm$ 10 MHz of channel ends)	dB			>10			-	-	-
Uncoupling between inputs	dB	-	-	>20			-	-	-
AGC tolerance	dB	-	-	$\pm$ 1			-	-	-
Switchable preamp voltage	V	-	-	0-12-24			-	0-13-18	-
Maximum preamp current	mA	-	-	100			-	300	-
Preamp tones	kHz	-	-	-			-	0-22	-
Slope adjustment	dB	-	-	-			-	0-9	-

### Outputs (2 options)

		TV+FI						
Output level	Config. 2 outputs TV2 & TV1	113	113	118	113/118		116	-
	Config. 1 output TV1	118	118	123	113/123		116	-
Output level adjustment	dB	20			-			
Return losses	dB	>10			-			
Test outputs (2)	dB	-30			-			

### Operations

Mains voltage	V~	230 - 240
Consumption	A / W	0.25 / 28
Operating temperature	°C	-5 to 50
Mains connector		IEC C8
Dimensions	mm	300 x 250 x 40

\* with LTE Protection from 470 to 790 MHz



### HEADQUARTERS

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