

903

AMPLIFICATORE DA PALO E ALIMENTATORE
AMPLIFIERS FOR MAST AND POWER SUPPLIES
AMPLIFICATEURS POUR MÂT ET ALIMENTATIONS



AMPLIFICATORE DA PALO - AMPLIFIER FOR MAST - AMPLIFICATEUR POUR MÂT

CODICE-CODE-CODE		9030178		9030175		9030176	
MODELLO-MODEL-MODELE		AM-173		AM-270		AM-274	
Numero ingressi Number of inputs Nombre d'entrées		1		2		2	
Range di frequenza Frequency range Gamme de fréquences	Band	BIII/DAB/UHF		BIII/DAB	UHF	BIII/DAB	UHF
	MHz	160-260	470-790	160-260	470-790	160-260	470-790
Guadagno Gain Gain	dB	10	20	10	20	20	34
Rango di guadagno regolabile Adjustable gain range Plage de réglage du gain	dB	20	16	20	16	20	16
Livello di uscita Output level Niveau de sortie	dBμV	108 DIN 45004B 105 (IMD ₃ -66 dB) 93 (IMD ₂ -60 dB)					
Figura di rumore Noise figure Facteur de bruit	dB	5,0 ±1	3,5 ±1	5,0 ±1	3,5 ±1	5,0 ±1	3,5 ±1
Separazione tra ingressi Rejection between inputs Rejection entre entrées	dB	≥30					
Alimentazione Power supply Alimentation	V=	12					
	mA	30					
DC path DC path	V=	-	-	12	-	12	-
Passage d'alimentation	mA	-	-	50	-	50	-
Temperatura di funzionamento Operating temperature Température de fonctionnement	°C	-10..+65					
Indice di protezione Protection index Indice de protection		IP 53					

DIN 45004B: 3 unequal carriers, IMD₃ at 60 dB
 IMD₃ -66 dB: 3 unequal carriers, EN 60728-5
 IMD₂ -60 dB: 2 equal carriers, EN 60728-5

AMPLIFICATORE DA PALO - AMPLIFIER FOR MAST - AMPLIFICATEUR POUR MÂT

CODIZE-CODE-CODE		9030203			9030177		
MODELLO-MODEL-MODELE		AM-372			AM-374		
Numero ingressi Number of inputs Nombre d'entrées		3			3		
Range di frequenza Frequency range Gamme de fréquences	Band	BIII/DAB	UHF1	UHF2	BIII/DAB	UHF1	UHF2
	MHz	160-260	470-790	470-790	160-260	470-790	470-790
Guadagno Gain Gain	dB	10	20		20	34	
Rango di guadagno regolabile Adjustable gain range Plage de réglage du gain	dB	20	16		20	16	
Livello di uscita Output level Niveau de sortie	dB μ V	108 DIN 45004B 105 (IMD₃ -66 dB) 93 (IMD₂ -60 dB)					
Figura di rumore Noise figure Facteur de bruit	dB	5,0 $\pm$ 1	6,0 $\pm$ 1		5,0 $\pm$ 1	6,0 $\pm$ 1	
Separazione tra ingressi Rejection between inputs Rejection entre entrées	dB	≥ 30					
Alimentazione Power supply Alimentation	V=	12					
	mA	30					
DC path DC path Passage d'alimentation	V=	-	12	12	-	12	12
	mA	-	50	50	-	50	50
Temperatura di funzionamento Operating temperature Température de fonctionnement	°C	-10..+65					
Indice di protezione Protection index Indice de protection		IP 53					

DIN 45004B: 3 unequal carriers, IMD₃ at 60 dB
 IMD₃ -66 dB: 3 unequal carriers, EN 60728-5
 IMD₂ -60 dB: 2 equal carriers, EN 60728-5

ALIMENTADOR - POWER SUPPLY - ALIMENTATION

CODICE-CODE-CODE		9030087
MODELLO-MODEL-MODELE		AL-105 ⁽¹⁾
Ingressi / uscite Inputs / outputs Entrées / sorties		1 / 2
Range di frequenza Frequency range Gamme de fréquences	Band	TV
	MHz	40 - 862
Tensione di uscita Output voltage Tension de sortie	V=	+12
	mA	100
Tensione di rete Mains voltage Tension secteur	V~	230 ±10% ⁽²⁾ 50/60 Hz
	W	1,6
Temperatura di funzionamento Operating temperature Température de fonctionnement	°C	-5..+55
Indice di protezione Protection index Indice de protection		IP 30

Le uscite RS-275 (COD. 9120011).

The unused output should be loaded with an RS-275 (COD. 9120011) load.

La sortie non utilisée doit être chargée avec une charge RS-275 (COD. 9120011).

(1) Protetto contro sovraccarico e corto-circuiti. Se si verifica un corto circuito e non vi è alcuna tensione in uscita, scollegarlo dalla rete elettrica o togliere il carico.

(1) Protected against overloading and short-circuits. If a short-circuit occurs and there is no output voltage, unplug it from the mains or take off the load.

(1) Protégée contre surcharges et court circuits. Si un court-circuit se produit, il coupe automatiquement sa tension de sortie, veuillez le déconnecter du réseau ou déconnecter sa sortie pour le réparer.

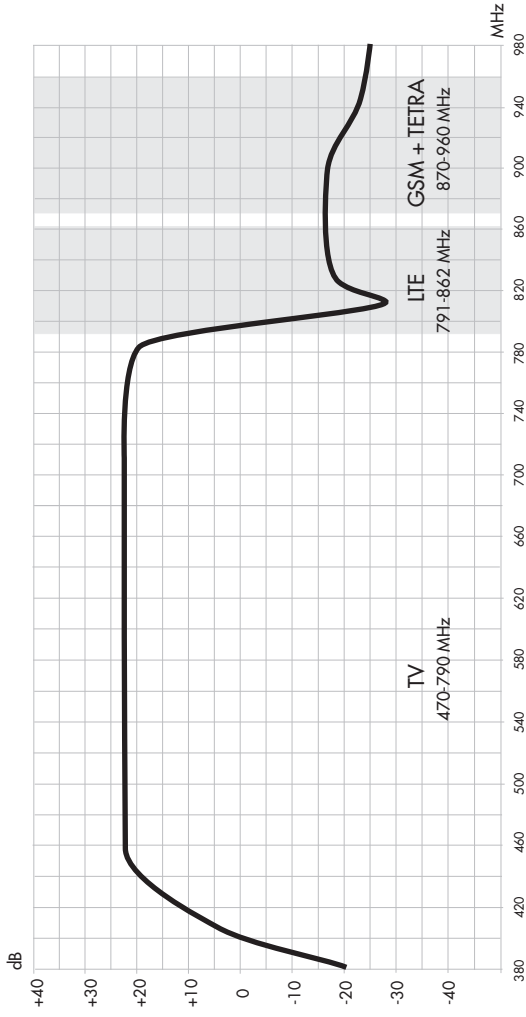
(2) Bajo pedido 125 o 240 V~

(2) Upon request 125 or 240 V~

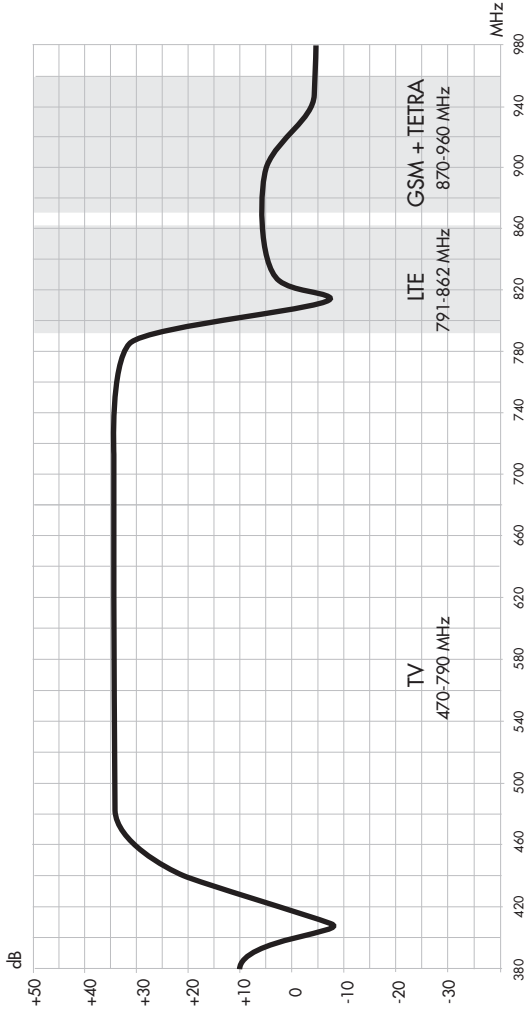
(2) Sur demande 125 ou 240 V~

Data published in compliance with the definitions and measurement methods of the following standards: EN 60728-3, EN 60728-4 and EN 60728-5

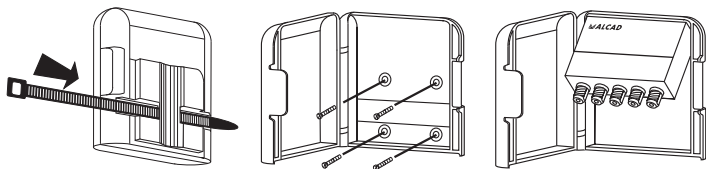
RISPOSTA IN FREQUENZA DELL'AMPLIFICATORE AM-173 / AM-270/AM-372
FREQUENCY RESPONSE OF THE AMPLIFIER AM-173 /AM-270/AM-372
REPOSE EN FREQUENCE DU AMPLIFICATEUR AM-173 /AM-270/AM-372



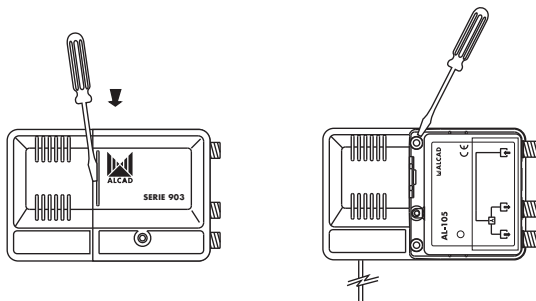
RESPUESTA EN FRECUENCIA DEL AMPLIFICADOR AM-274 / AM-374
FREQUENCY RESPONSE OF THE AMPLIFIER AM-274 / AM-374
REPOSE EN FREQUENCE DU AMPLIFICATEUR AM-274 / AM-374



COME FISSARE L'AMPLIFICATORE HOW TO INSTALL AND FIX THE AMPLIFIER COMMENT INSTALLER ET FIXER L'AMPLIFICATEUR



COME FISSARE L'ALIMENTAZIONE HOW TO FIX THE POWER SUPPLY COMMENT FIXER L'ALIMENTATION



Istruzioni di sicurezza

Non collocare l'apparecchio in cui l'acqua può gocciolare o schizzi su di esso. Non collocare oggetti contenenti liquido, come bicchieri, sulle attrezzature. Non collocare le fonti di fiamme libere, sulle attrezzature. Non ostruire le fessure di ventilazione delle apparecchiature con oggetti come giornali, tende, ecc. Quando si installa l'apparecchio, lasciare spazio libero intorno al fine di fornire un'adeguata ventilazione. Installare l'apparecchio in modo che la spina di alimentazione o il connettore del materiale possa essere facilmente raggiunto.

Safety Instructions

Do not place the power supply where water can drip or splash onto it. Do not place objects containing liquid, such as glasses, on the equipment. Do not place sources of naked flame, such as burning candles, on the equipment. Do not block the ventilation slots of the equipment with objects such as newspapers, curtains, etc. When installing the equipment, leave some free space around it to provide adequate ventilation. Install the equipment in such a way that the mains supply plug or the connector of the equipment can be easily reached.

Consignes de sécurité

N'exposez pas l'alimentation à des projections ou gouttes d'eau. Ne posez pas d'objets contenant du liquide, tels que des verres, sur l'équipement. Ne mettez pas de source de flamme, comme des bougies, sur l'équipement. Ne bloquez pas les ouvertures de ventilation de l'équipement avec des objets comme des journaux, des rideaux, etc. Installez l'équipement en laissant un espace libre tout autour de lui afin de permettre une ventilation suffisante. Installez l'équipement de telle sorte que la prise d'alimentation d'électricité ou le connecteur de l'équipement soit facilement accessible.

DIAGRAMMA DI CONNESSIONE CONNECTION DIAGRAMS SCHEMAS DE CONNEXION

AM-173

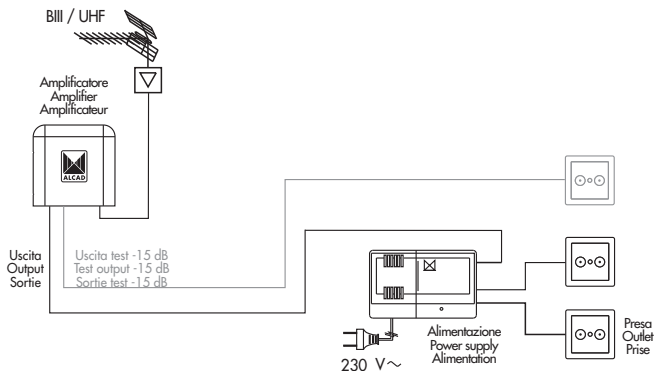


DIAGRAMMA DI CONNESSIONE CONNECTION DIAGRAMS SCHEMAS DE CONNEXION

AM-270/AM-274

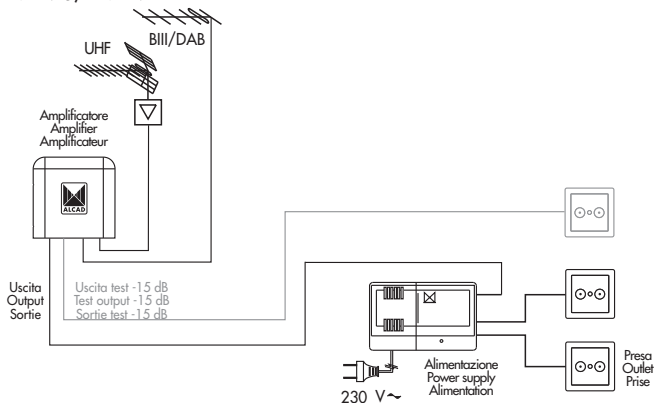
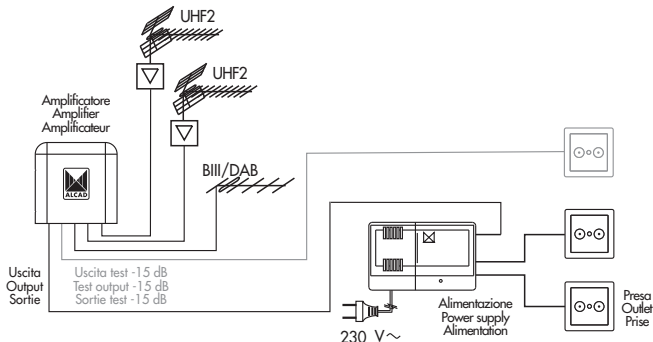


DIAGRAMMA DI CONNESSIONE CONNECTION DIAGRAMS SCHEMAS DE CONNEXION

AM-372 / AM-374



COME USARE LA TELEALIMENTAZIONE HOW TO USE THE DC PATH TO SUPPLY POWER TO A PREAMPLIFIER COMMENT UTILISER LE PASSAGE DE COURANT POUR ALIMENTER UN PRÉAMPLIFICATEUR

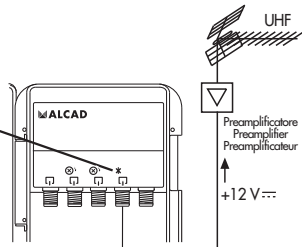
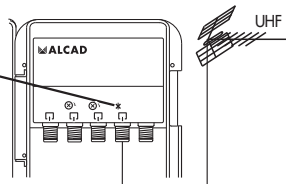
Impostazione di fabbrica 0 V...
Default setting 0 V...
Réglage d'usine 0 V...

+V... Preamp.
50 mA max.
0V. 12V.
UHF

Ajste 12V...
Adjusting 12V...
Réglage 12 V...

+V... Preamp.
50 mA max.
0V. 12V.
UHF

+V... Preamp.
50 mA max.
0V. 12V.
UHF



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Declares that the products

Model Number: AM-173, AM-270, AM-274, AM-372, AM-374, AL-105
Product Description: 903 Series - TV Mast Amplifiers & Power Supplies
Product Options: Including all options

Are in conformity with:

Safety: EN 60728-11:2012
Safety: EN 60065:2014
EMC: EN 50083-2:2012

Comply with the requirements of the Directives:

Low Voltage Directive LVD 2014/35/EU
Electromagnetic Compatibility EMC 2014/30/EU

Supplementary Information:

To comply with these directives, do not use the products without cover and operate the system as specified.



Irún (SPAIN), 6 Oct 2016



Xabier Isasa
General Manager

L'attuale versione della Dichiarazione UE di conformità è disponibile in www.alcad.net
The updated version of this UE Declaration of conformity is available on www.alcad.net
La version actuelle de cette Déclaration UE de conformité est disponible sur www.alcad.net

La specifiche sono soggette a modifiche senza preavviso
Specifications subject to modifications without prior notice
Les spécifications sont soumises à de possible modifications sans avis préalable



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**ISO 9001**