



KEMENTERIAN KOMUNIKASI DAN INFORMATIKA
DIREKTORAT JENDERAL SUMBERDAYA DAN
PERANGKAT POS DAN INFORMATIKA
REPUBLIK INDONESIA

MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY
DIRECTORATE GENERAL OF RESOURCES AND EQUIPMENT
FOR POST AND INFORMATION TECHNOLOGY
THE REPUBLIC OF INDONESIA

SERTIFIKAT | CERTIFICATE

NOMOR : 47694/SDPPI/2016

Referensi : KEPDIRJEN POSTEL NOMOR : 46/DIRJEN/2004
Reference : KEPDIRJEN POSTEL NOMOR : 85/DIRJEN/1999

Produk ID : 3811
Product ID

Jenis Perangkat : Transmitter Radio FM
Name of Equipment

Distribusi Oleh : GLOBAL BROADCAST SUPPLY, PT.
Distributed by

Buatan : ITALY
Country of Origin

Alamat : Rukan Graha Arteri Mas
Address : Jl. panjang No. 68 Kav. 56, Jakarta Barat 11520, 11520, Jakarta Barat

Merek : RVR
Trade Mark

Tanggal Terbit : 13 Oktober 2016
Date of Issue

Model/Type : TEX 30 LCD/S

Masa Berlaku : 13 Oktober 2019
Valid Until

Frekuensi Kerja :
Operating Frequencies

Radio Transmitter : 87.5 MHz - 108 MHz
Daya Pancar : 30 Watt



PT. Global Broadcast Supply
Rukan Graha Arteri Mas
Jl. Panjang No.65, Kav. 56
Kedoya Selatan, Jakarta Barat
Indonesia 11520

A.N. DIREKTUR JENDERAL SUMBER DAYA DAN PERANGKAT POS DAN INFORMATIKA
DIREKTUR STANDARDISASI
FOR DIRECTOR GENERAL OF RESOURCES AND EQUIPMENT FOR POST AND INFORMATION TECHNOLOGY
DIRECTOR OF STANDARDIZATION



BAMBANG SUSENO



Sertifikat Alat dan Perangkat Telekomunikasi adalah dokumen yang menyatakan kesesuaian tipe alat dan perangkat telekomunikasi terhadap persyaratan teknis dan/atau standar yang ditetapkan

Kewajiban Pemegang Sertifikat

1. Pemegang Sertifikat wajib melakukan pelabelan sebelum alat dan perangkat telekomunikasi diperdagangkan dan/atau dipergunakan
2. Pelabelan dilakukan dengan membuat label yang memuat nomor sertifikat dan identitas pelanggan (PLG ID) dengan format sebagai berikut:

NO. SERTIFIKAT	Contoh:	12345/SDPPI/2016
PLG ID		5678

3. Melekatkan label pada setiap alat dan perangkat telekomunikasi yang telah bersertifikat dan pada kemasan/ pembungkusya.
4. Pemegang sertifikat wajib melaporkan pelaksanaan pelabelan kepada Lembaga Sertifikasi paling lama 30 (tiga puluh) hari sejak diterbitkan sertifikat dan melampirkan contoh label.
5. Sertifikat alat dan perangkat telekomunikasi wajib dilakukan perubahan dalam hal:
 - a. Pemindahtanganan sertifikat kepada pihak lain
 - b. Perubahan nama badan usaha; dan/atau
 - c. Perubahan alamat badan usaha
6. Sertifikat alat dan perangkat telekomunikasi wajib dilakukan penggantian dalam hal:
 - a. Sertifikat hilang; atau
 - b. Sertifikat rusak
7. Salinan sertifikat dapat dilegalisasi paling banyak 3 (tiga) lembar dengan ketentuan harus melampirkan sertifikat asli.

Informasi lebih lanjut dapat menghubungi:

Pusat Pelayanan Terpadu

Direktorat Jenderal Sumber Daya dan Perangkat Pos dan Informatika

Gd. Menara Merdeka Lt. 11

Jl. Budi Kemuliaan No. 1 Jakarta Pusat

<https://sertifikasi.postel.go.id/>

Contact Center: 021-30003100



DICHIARAZIONE DI CONFORMITA' UE (DoC) EU DECLARATION OF CONFORMITY (DoC)

La sottoscritta azienda, / We, the undersigned,

Nome del Costruttore / Company Name
Indirizzo postale / Postal address
CAP e Città / Postcode and City
Nazione / Country
Telefono / Telephone
Fax / Fax
Indirizzo Posta Elettronica / E-Mail Address

R.V.R. Elettronica SpA
Via del Fonditore 2/2c
40138 Bologna
Italia
+39 51 6010506
+39 51 6011104
info@rvr.it

Dichiara sotto la propria responsabilità che l'apparato: / Declare under our sole responsibility that the product:

Tipo / Type
Marchio CE / CE Mark

TEX - PJ

Modello / Model
Numero Seriale / Serial Number
Data di Rilascio / Date of Issue



Descrizione del Prodotto / Product Description

Trasmettitore per radiodiffusione FM allo stato solido
FM Solid State Transmitter for Broadcast service
87.5 ÷ 108 MHz
30 W
10 kHz

Banda di Frequenza / Frequency Range
Massima potenza di uscita / Maximum output power
Canalizzazione / Canalization

Oggetto della Dichiarazione: / Object of the Declaration:



L'oggetto, quando utilizzato per il servizio al quale è destinato, è conforme alla pertinente normativa di armonizzazione dell'Unione stabilita dalla Direttiva 2014/53/CE ("RED"), e porta quindi il marchio "CE".

The object when used for its intended purpose, is in compliance with the relevant Union harmonization legislation provisions of Directive 2014/53/CE ("RED"), and therefore carries the "CE" mark.

Per la valutazione della conformità, sono state applicate le seguenti norme armonizzate:

The following harmonized standard have been applied for the conformity assessment:

Utilizzo dello Spettro Radio (art. 3.2) / Radio (art. 3.2)

EN 302 018-1

EN 302 018-2

Compatibilità Elettromagnetica (3.1b) / EMC (art. 3.1b)

EN 301 489-1

EN 301 489-11

Sicurezza (art. 3.1a) / Safety (art. 3.1a)

EN 60215

Restrizione d'uso: / Restriction on use:

Si fa presente, altresì che ai sensi dell'art. 38, comma 4 del Codice delle telecomunicazioni elettroniche, emanato con decreto Lgs 1° agosto 2003, modificato con decreto Lgs 28 maggio 2012 n. 70, l'uso degli apparati in questione è soggetto a "concessione", che deve essere rispettato dall'utilizzatore finale.

The object of declaration may have a restriction on use depending on the geographical area legislation where it is installed and put into operation. The violation of the restrictions on use is not responsibility of the manufacturer.

Biavati Valentino
R.V.R. Elettronica S.p.A.

R.V.R.Elettronica S.p.A.
 Tel. 0039 0516010506 - Fax 0039 0516011104
 Via del fonditore 2/2 c - 40138 Bologna - Italy
 Web site: www.rvr.it E-mail: info@rvr.it



R.V.R.Elettronica S.p.A.
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FM FINAL TEST TABLE - Exciter

Model:

TEX30LCD/S

Microprocessor-controlled FM exciter

Date: 05/06/2017

Serial: 1702147

☐ 24V
☐ Modem

☒ Clipper Card
☐ RF Relay

☒ Telemetry
☐ Noaa Bias

☒ I²C Bus
☐ ROS 3:1 Test

☐ Changeover
☐

Power Test

Max power output: 30 W			Swr Max: 3 W		
Freq.	Input Power		RF Module		
MHz	Fwd	Rfl	Vpa	Ipa - I1	I2
87.50	W	W	28.1 V	1.7 A	A
90.00	W	W	28.1 V	1.6 A	A
92.00	W	W	28.1 V	1.6 A	A
94.00	W	W	28.1 V	1.6 A	A
96.00	W	W	28.1 V	1.7 A	A
98.00	W	W	28.1 V	1.7 A	A
100.00	W	W	28.1 V	1.7 A	A
102.00	W	W	28.1 V	1.7 A	A
104.00	W	W	28.1 V	1.7 A	A
106.00	W	W	28.1 V	1.7 A	A
108.00	W	W	28.1 V	1.6 A	A

Power Supply

Model:	PS28120W2U02
ALM SN:	044-1704
Voltage:	28.5
On load:	
Harmonic: >70 >70 dBc	
Spurious: >80 >80 dBc	
RF Module s.n.	
2 X	MRFE6VS25NR1

AF Characteristic MPX

Audio Freq.	40	100	400	1k	7.5k	10k	20k	43k	57k	75k
0 ± 0,3 dB	0.02	0	0	0	0	0	0	0.08	0.14	0.24

Audio Test (only for exciter or TX system)

Tested at: 98 MHz

Δf = 11 [-30 ÷ 30 Hz]

Audio Freq.	50 Hz	400 Hz	1 kHz	2 kHz	5 kHz	7.5 kHz	10 kHz	15 kHz
Preenphasy 50 μS ±0.5dB 75 μS	0 [-0.5 ÷ 0.5] -0.15 [-0.5 ÷ 0.15]	0 [-0 ÷ 0] 0 [-0 ÷ 0]	0.3 [-0.2 ÷ 0.8] 0.7 [0.2 ÷ 1.2]	1.5 [1.0 ÷ 2.0] 2.0 [2.1 ÷ 3.1]	5.4 [4.9 ÷ 5.9] 8.0 [7.5 ÷ 8.5]	8.1 [7.6 ÷ 8.6] 11.1 [10.6 ÷ 11.6]	10.4 [9.9 ÷ 10.9] 13.8 [13.0 ÷ 14.0]	13.8 [13.0 ÷ 14.0] 16.9 [16.4 ÷ 17.4]
Preenphasis dB	-0.05	0	0.3	1.5	5.7	8.6	10.6	13.8
Distortion %	0.06	0.05	0.05	0.05	0.05	0.05	0.04	0.02
Separation dB	59	59	57	56	55	54	53	59

Freq. Test MHz	87.50	98.00	108.00	
FM S/N dB (>79 dB for PTX60 & 100LCD) (>83 dB for PTX30LCD)	84	85	82	
AM Async.(> 60) dB	65	63	64	
AM Sync.(> 50) dB	59	61	60	

Preenphasis:	50 μs
Mono (XLR):	0 dBm
Mpx (BNC):	0 dBm
Sca 2 (BNC):	0 dBm

Remarks:

Software Release: APP: TEXL-000309
Standard

Options:

Configuration Table: TEX-0030-01

Customer: GBS ALLIANCE PTE LTD 159 SIN
MING ROAD

Technician: Paolo Paterlini