



5000 Series 3000 Digital Series 3000 Series

Syslog Specifications

UHF Wireless Systems
Digital UHF Wireless Systems

ATW-R5220

ATW-R5220DAN

ATW-DR3120

ATW-DR3120DAN

ATW-CHG3N

ATW-R3210N

Revision history

Date	Version	Description of change
2018/11/20	1.0.0	First version
2019/12/18	1.1.0	Compatible with ATW-R3210N

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1 Preface

1.1 Purpose of this document

This document refers to the Syslog specifications of wireless systems developed by Audio-Technica.

1.2 Device List

ATW-R5220

ATW-R5220DAN

ATW-DR3120

ATW-DR3120DAN

ATW-CHG3N

ATW-R3210N

2 Basic Specification.

2.1 Message structure

Example	May_13_18:56:20_	R5120_	[DG1_]_	000A45123456_	[INFO]	:[15]	[Rx1]low battery
Description	TIMESTAMP	HOST NAME	BAND	MAC address	Level	Task ID	[Target]Incident Incident---target
Size	16byte	9byte	7byte	13byte	MESSAGE : ~83byte		
	HEADER: 45byte						

2.2 Message description

Level	Target	Incident	Description
INFO	Rx1 or Rx2	low battery	Transmitter's low battery indicator activated.
INFO	Rx1 or Rx2	transmitter mute	Transmitter muted (by user).
INFO	Rx1 or Rx2	receiver mute ()	Receiver muted. () shows the reason for the muting. S = RF level is too low. T = Tone signal is too low. N = Noise level is too high. M = Mute by MCU. R = Mute by IP command. A = ACCH Mute (DR3210)
INFO	Rx1 or Rx2	receiver unmute	Receiver unmuted.
NOTICE	(R5220) A or B (DR3120) -	antenna power overload	Antenna power supply overload.
NOTICE	Rx1 or Rx2	interference low	Receiver detects low level interference.
NOTICE	Rx1 or Rx2	interference high	Receiver detects high level interference.
INFO	Rx1 or Rx2	backup actuated	Backup frequency function activated.
INFO	-	reboot	Receiver rebooted.
INFO	-	power on	Receiver powered on by front panel switch.
INFO	-	power off	Receiver powered off by front panel switch.
INFO	Rx1 or Rx2	frequency changed XXXXXX	Receiver frequency setting changed XXXXXX shows new frequency. Ex) 680125 = 680.125MHz
INFO	-	factory reset	Receiver reset to factory default.
NOTICE	-	temp alert ()	Internal temperature of receiver reaches specific level. (1) Equivalent of 60°C external temp. (2) Equivalent of 65°C external temp. (3) Equivalent of 70°C external temp.
FATAL	-	DSP error	DSP error
FATAL	-	FPGA error	FPGA error
FATAL	-	EEPROM error	EEPROM error
FATAL	Rx1 or Rx2	PLL error	PLL error
FATAL	-	IP address conflict	IP address conflict

INFO	ID, Port	charge start	Start charging
INFO	ID, Port	charge complete	Fully charged
INFO	ID, Port	TX removed	Tx is removed from charger.
INFO	ID, Port	charge error	Charge error
NOTICE	ID, Port	linked unit error	Communication error with linked charger.

2.3 Target device

Incident	ATW-R5220		ATW-DR3120		ATW-R3210N	ATW-CHG3N
	Normal	DANTE	Normal	DANTE		
low battery	✓	✓	✓	✓	✓	
transmitter mute	✓	✓	✓	✓	✓	
receiver mute ()	✓	✓	✓	✓	✓	
receiver unmute	✓	✓	✓	✓	✓	
antenna power overload	✓	✓	✓	✓		
interference low	✓	✓				
interference high	✓	✓				
backup actuated	✓	✓	✓	✓	✓	
reboot	✓	✓	✓	✓	✓	
power on	✓	✓	✓	✓	✓	
power off			✓	✓		
frequency changed XXXXXX	✓	✓	✓	✓	✓	
factory reset	✓	✓	✓	✓	✓	
temp alert ()	✓	✓				
DSP error			✓	✓		
FPGA error			✓	✓		
EEPROM error	✓	✓	✓	✓		
PLL error	✓	✓				
IP address conflict	✓	✓	✓	✓	✓	✓
charge start						✓
charge complete						✓
TX removed						✓
charge error						✓
linked unit error						✓