

# SM3000

Multipoint videographic recorder  
Spare parts and upgrade kits

Measurement made easy



Sales



Service



## Introduction

This parts list contains:

- exploded diagrams of the SM3000 multipoint videographic recorder for easy identification of spare parts
- details of product upgrade kits that are designed to add extra features and functionality to the recorder

# Replacement parts

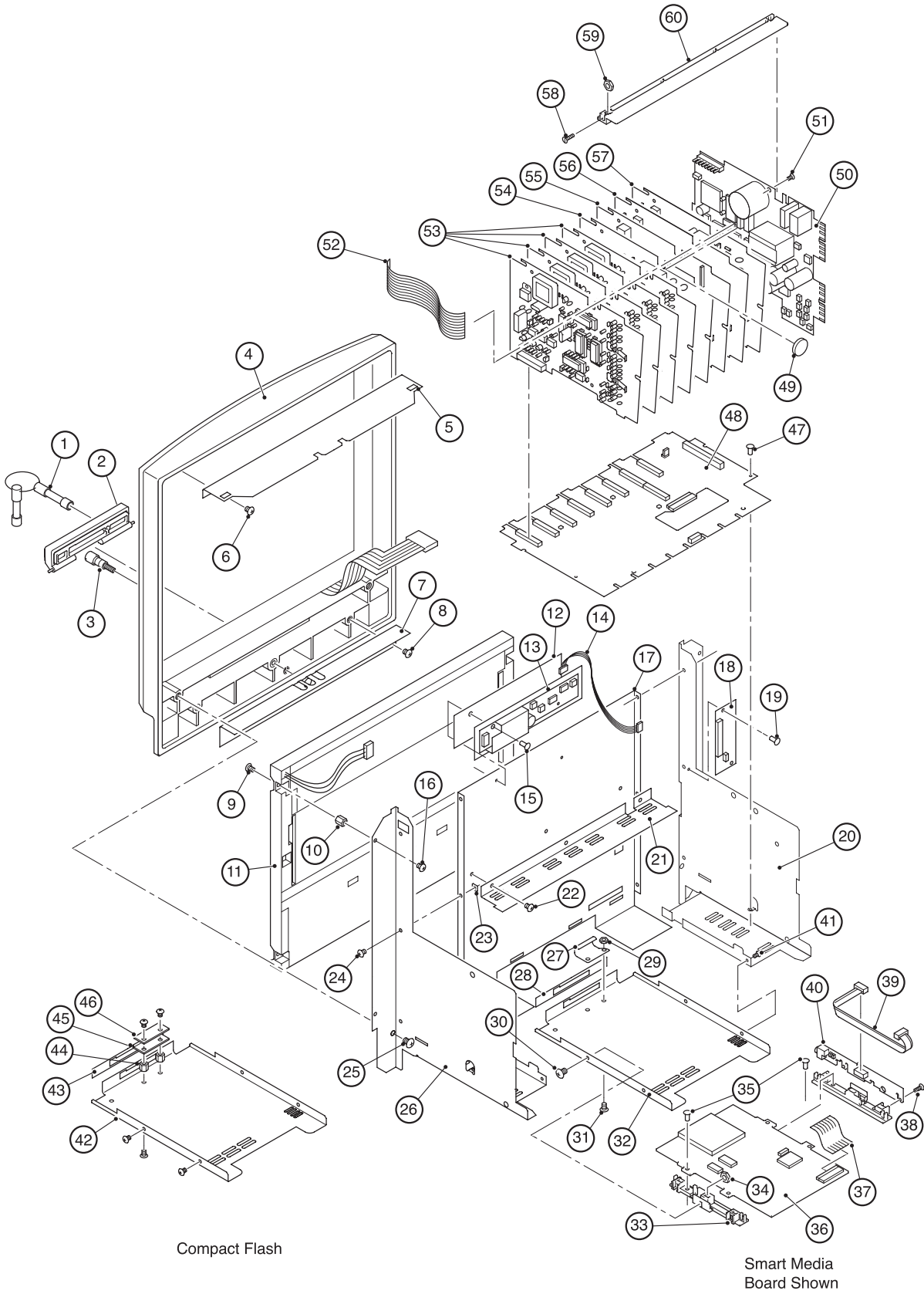


Figure 1 Identification of parts – chassis components

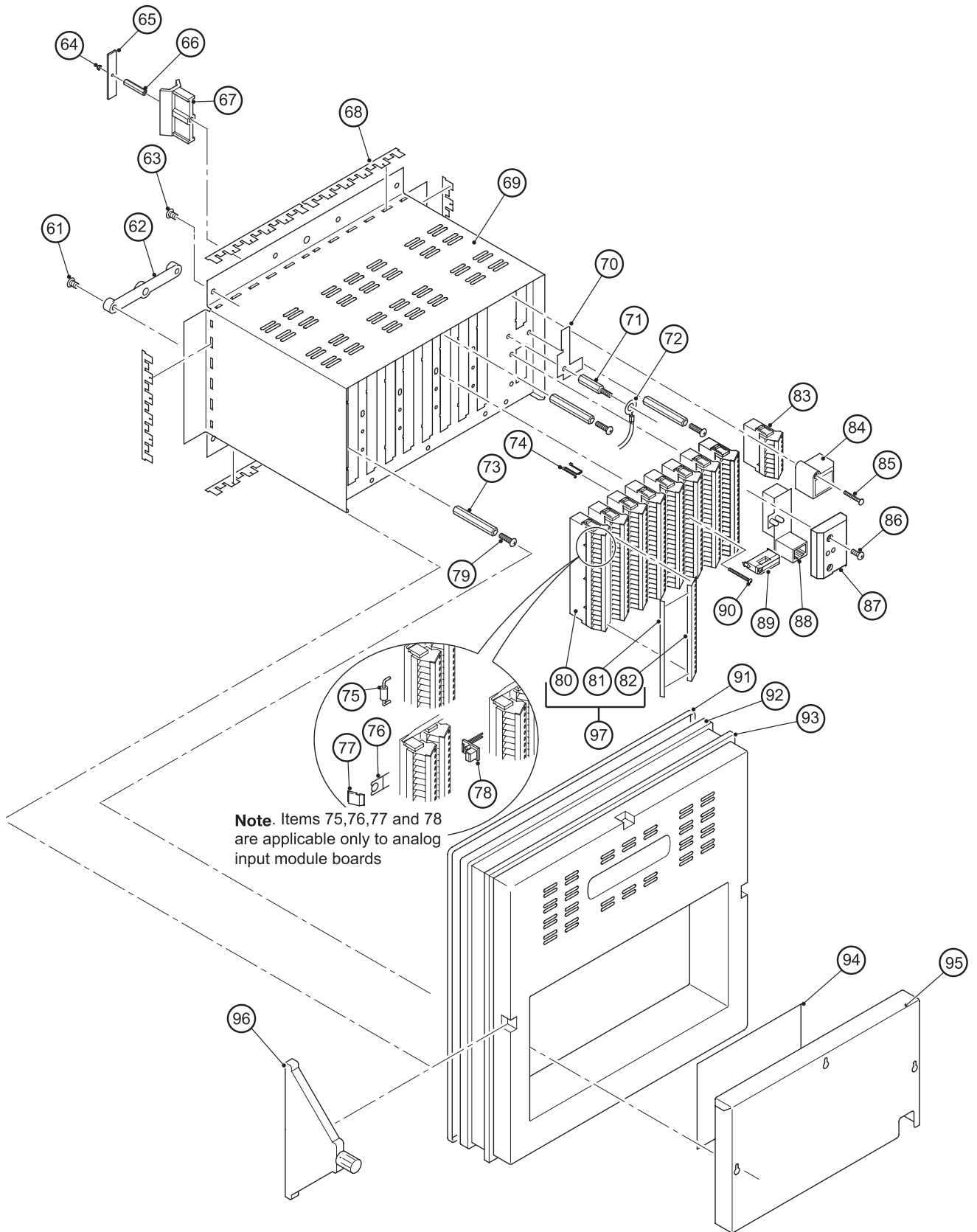


Figure 2 Identification of parts – instrument and chassis

## ...Replacement parts

Item No.	Description	Part number
1	Key	No longer available
2	Media door assembly (no longer available)	No longer available
3	Jacking screw	GR2000/3115
4	Display housing	GR2000/3052
5	Frame mounting bracket (no longer available)	No longer available
6	Screw (no longer available)	No longer available
7	Jacking screw bracket (no longer available)	No longer available
8	Screw (no longer available)	No longer available
9	Screw (no longer available)	No longer available
10	Pillar (no longer available)	No longer available
11	Display *	B12021
12	Inverter insulator *	GR2000/3137
13	Inverter *	B12022
14	Inverter cable *	GR2000/3071
15	Snap rivet	B12077
16	Screw (no longer available)	No longer available
17	Front frame plate (no longer available)	No longer available
18	Display interface board	GR2000/0505
19	Snap rivet (no longer available)	No longer available
20	Left hand side plate (no longer available)	No longer available
21	Top cover (no longer available)	No longer available
22	Screw (no longer available)	No longer available
23	Nut (no longer available)	No longer available
24	Screw (no longer available)	No longer available
25	Screw (no longer available)	No longer available
26	Right hand side plate	No longer available
27	Static discharge spring	No longer available
28	Media trim (Smart media) (no longer available)	No longer available
	Media trim (blank) (no longer available)	No longer available
29	Nut (no longer available)	No longer available
30	Screw (no longer available)	No longer available
31	Screw (no longer available)	No longer available
32	Media plate (Smart media)	No longer available
33	Mounting block	No longer available
34	Nut (no longer available)	No longer available
35	Snap rivet (no longer available)	No longer available
36	Smart media board assembly (no longer available)	No longer available
	Compact Flash board assembly	GR2000/0345
37	Flexi	B11905
38	Screw (no longer available)	No longer available
39	Configurator cable	GR2000/0070
40	Configurator board assembly	No longer available
41	Screw (no longer available)	No longer available
42	Compact Flash media plate (no longer available)	No longer available
43	Media trim (Compact Flash)	No longer available
44	Pillar	No longer available
45	Conductive gasket	No longer available
46	Gasket clamp plate	No longer available
47	Snap rivet (no longer available)	No longer available
48	Motherboard assembly	GR2000/0485
49	Battery	No longer available
50	Mainboard assembly (85 to 265 V AC) (no longer available)	No longer available
	Mainboard assembly (24 V DC) (no longer available)	No longer available

Item No.	Description	Part number
51	Screw (no longer available)	No longer available
52	Flexi	B11904
53	Analog input board assembly	GR2000/0295
	High specification analog input board assembly	GR2000/0535
54	Analog input board assembly	GR2000/0295
	High specification analog input board assembly	GR2000/0535
	3-relay option module (no longer available)	No longer available
	6-relay option module	GR2000/0325
	Hybrid option module	GR2000/0335
55	Analog input board assembly	GR2000/0295
	High specification analog input board assembly	GR2000/0535
	3-relay option module (no longer available)	No longer available
	6-relay option module	GR2000/0325
	Hybrid option module	GR2000/0335
56	Analog input board assembly	GR2000/0295
	High specification analog input board assembly	GR2000/0535
	3-relay option module (no longer available)	No longer available
	6-relay option module	GR2000/0325
	Hybrid option module	GR2000/0335
	Transmitter power supply option module	GR2000/0365
	RS485 serial communications option module	No longer available
57	Analog input board assembly	GR2000/0295
	High specification analog input board assembly	GR2000/0535
	3-relay option module (no longer available)	No longer available
	6-relay option module	GR2000/0325
	Hybrid option module	GR2000/0335
	Transmitter power supply option module	GR2000/0365
58	Screw (no longer available)	No longer available
59	Nut (no longer available)	No longer available
60	PCB locking bar	No longer available
61	Screw (no longer available)	No longer available
62	Jacking screw spacer (no longer available)	No longer available
63	Screw (no longer available)	No longer available
64	Nut (no longer available)	No longer available
65	Earth contact (no longer available)	No longer available
66	Pillar (no longer available)	No longer available
67	Earth contact insulator (no longer available)	No longer available
68	EMC contact (no longer available)	No longer available
69	Case assembly	No longer available
70	Mains label (85 to 265 V AC) (no longer available)	No longer available
	Mains label (24 V DC) (no longer available)	No longer available
71	Pillar (no longer available)	No longer available
72	Earth lead	No longer available
73	Pillar (no longer available)	No longer available
74	PCB retainer clip	No longer available
75	Shunt resistor	No longer available
76	Thermistor assembly (standard board)	No longer available
	Thermistor assembly (high specification board) (no longer available)	No longer available
77	Thermistor cover	GR2000/0118
78	Voltage divider board (standard)	No longer available
	Voltage divider board (HART) (no longer available)	No longer available
79	Screw (no longer available)	No longer available
80	Terminal block	No longer available

## ...Replacement parts

Item No.	Description	Part number
81	Terminal label	GR2000/0186
82	Terminal adaptor	GR2000/0113
83	Mains terminal block	No longer available
84	Mains cover (no longer available)	No longer available
85	Screw (no longer available)	No longer available
86	Screw (no longer available)	No longer available
87	Ethernet cover (no longer available)	No longer available
88	Ethernet connection board	No longer available
89	Cable clamp (no longer available)	No longer available
90	Screw (no longer available)	No longer available
91	Bezel seal	No longer available
92	Bezel (no longer available)	No longer available
93	Panel seal (no longer available)	No longer available
94	Terminal label (no longer available)	No longer available
95	Terminal cover	No longer available
96	Panel clamp assembly (no longer available)	No longer available
97	20-way terminal block assembly for use with analog input board (includes items 162, 164, 166, 167 and 177)	No longer available
	20-way terminal block assembly for use with relay, hybrid and transmitter power supply boards (includes items 162, 164 and 177)	No longer available
	20-way terminal block assembly for use with high specification analog input board	No longer available

Table 1 Parts list

## Upgrade kits

Description	Part number
Compact Flash service pack	GR2000/0345
Smart media service pack (no longer available)	No longer available
Display replacement pack	GR2000/3709
Membrane replacement pack	No longer available
Mainboard replacement pack	GR2000/3711
Motherboard replacement pack	GR2000/3712
24 V DC mainboard replacement pack (no longer available)	No longer available
Terminal cover service pack	No longer available
Soft carry case	No longer available
Hard carry case (no longer available)	No longer available
Display backlight replacement pack (no longer available)	No longer available
Advanced software service pack	GR2000/3721
RS485 communications service pack	No longer available
Panel clamp assembly service pack	No longer available
Membrane / Display replacement pack	GR2000/3724
3-relay kit (no longer available)	No longer available
6-relay kit	GR2000/0325
Hybrid card kit	GR2000/0335
Transmitter PSU	GR2000/0365
6-analog input board upgrade kit	GR2000/0295
High specification analog input board upgrade kit	GR2000/0535

---

**ABB Measurement & Analytics**

For your local ABB contact, visit:  
**[www.abb.com/contacts](http://www.abb.com/contacts)**

For more product information, visit:  
**[www.abb.com/measurement](http://www.abb.com/measurement)**

---

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB.

©ABB 2021  
All rights reserved.