

## Inhaltsverzeichnis

1. Mototrbo-national .....	174
2. Benutzer Diskussion:HB9EVT .....	50
3. Benutzer:HB9EVT .....	90
4. Benutzer:Oe6jwd .....	134

## Mototrbo-national

[Versionsgeschichte interaktiv durchsuchen](#)  
[VisuellWikitext](#)

**Version vom 28. August 2014, 13:39 Uhr**  
**(Quelltext anzeigen)**  
 Oe6jwd ([Diskussion](#) | [Beiträge](#))  
 (Neu: Umstellung auf Matrix-Darstellung  
 Motorola und Hytera)  
[← Zum vorherigen Versionsunterschied](#)

**Aktuelle Version vom 27. April 2021, 14:48 Uhr (Quelltext anzeigen)**  
 HB9EVT ([Diskussion](#) | [Beiträge](#))  
 Markierung: **Visuelle Bearbeitung**

(39 dazwischenliegende Versionen von 3 Benutzern werden nicht angezeigt)

<p><b>Zeile 1:</b></p> <p>- <b>[[Kategorie:DMR]]</b></p> <p>- <b>== National: ==</b></p> <p>- <b>=== Allgemeine Info ===</b></p> <p></p> <p>Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.</p>	<p><b>Zeile 1:</b></p> <p>+ <b>{{Länderspezifisch AT}}</b></p> <p>+ </p> <p>+ <b>==Allgemeine Info==</b></p> <p></p> <p>Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.</p>
<p><b>Zeile 8:</b></p> <p>{ </p> <p> -</p> <p>-   &amp;nbsp;■ TG 232    = für österreichweite Funkgespräche</p> <p> -</p> <p>-   &amp;nbsp;■ TG 8   = für regionale Funkgespräche</p> <p></p> <p> -</p> <p>-   &amp;nbsp;■ TG 9   = für lokale bzw. regionale Funkgespräche</p>	<p><b>Zeile 8:</b></p> <p>{ </p> <p> -</p> <p>+  &amp;nbsp;■ TG 232  = für österreichweite Funkgespräche</p> <p> -</p> <p>+  &amp;nbsp;■ TG 8   = für regionale Funkgespräche</p> <p></p> <p> -</p> <p>+  &amp;nbsp;■ TG 9   = für lokale bzw. regionale Funkgespräche</p>



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+ **Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzerliste (siehe [[Frequenzen-OE]] mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe [[Mototrbo-Programmierung]]) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [[http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR Talkgroup-Matrix in C3.96sterreich](http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR_Talkgroup-Matrix_in_C3.96sterreich)] entnommen werden kann.<br><br>**

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- + | style="text-align:center;" |TG 1||1  
WELTWEIT WW||in alle weltweiten  
Netze| style="text-align:center;" |TS  
1||für weltweite "'Anrufe"' und  
<u>'KURZE'</u> QSOs
- + |- style="background-color:#7ecd8e"
- + | style="text-align:center;" |TG 10||10  
WW DEU||in alle weltweiten Netze|  
style="text-align:center;" |TS 1||für  
weltweite QSOs in deutsch
- + |- style="background-color:#7ecd8e"
- + | style="text-align:center;" |TG 11||11  
WW FRA||in alle weltweiten Netze|  
style="text-align:center;" |TS 1||für  
weltweite QSOs in französisch  
<small>(nicht auf allen OE-Umsetzern  
verfügbar!)</small>
- + |- style="background-color:#7ecd8e"
- + | style="text-align:center;" |TG 12||12  
WW NLD||in alle weltweiten Netze|  
style="text-align:center;" |TS 1||für  
weltweite QSOs in niederländisch  
<small>(nicht auf allen OE-Umsetzern  
verfügbar!)</small>
- + |- style="background-color:#7ecd8e"
- + | style="text-align:center;" |TG 13||13  
WW ENG||in alle weltweiten Netze|  
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verfügbar!)</small>
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- + | style="text-align:center;" |TG 14||14  
WW SPA||in alle weltweiten Netze|  
style="text-align:center;" |TS 1||für  
weltweite QSOs in spanisch <small>  
(nicht auf allen OE-Umsetzern  
verfügbar!)</small>
- + |- style="background-color:#0070c0"

- + | style="text-align:center;" |TG 2||2  
EUROPA||in alle europäische Netze||  
style="text-align:center;" |TS 1||für  
europaweite Anrufe und QSOs
- + |- style="background-color:#9dc3e6"
- + | style="text-align:center;" |TG 20||20  
D-A-CH||Deutschland, Österreich &  
Schweiz|| style="text-align:center;"  
|TS 1||für deutschsprachige Anrufe  
und QSOs
- + |- style="background-color:#ff5050"
- + | style="text-align:center;" |TG  
232||232 ÖSTERREICH||alle  
österreichischen Regionalnetze||  
style="text-align:center;" |TS 1||für  
Anrufe und kurze nationale  
Gespräche in OE
- + |- style="background-color:#dedede"
- + | style="text-align:center;" |TG 9||9  
LOKAL||keine Weiterleitung,  
regionales Netz|| style="text-align:  
center;" |TS 1||Lokalbetrieb, wenn  
TS2 besetzt ist, gilt für alle  
Regionalnetze
- + |- style="background-color:#f3f3f3"
- + | | | | | |
- + |- style="background-color:#ff5050"
- + | style="text-align:center;" |TG  
232||232 ÖSTERREICH||alle  
österreichischen Regionalnetze||  
style="text-align:center;" |TS  
"2"||für längere, österreichweite  
Gespräche
- + |- style="background-color:#bfbfbf"
- + | style="text-align:center;" |TG 8||8  
REGIONAL||regionales Netz (OE1 &  
OE3)|| style="text-align:center;" |TS  
"2"||für regionale QSOs
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## Allgemeine Info

Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuzuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden. Für Funkgespräche innerhalb Österreichs sind drei TalkGroups definiert worden:

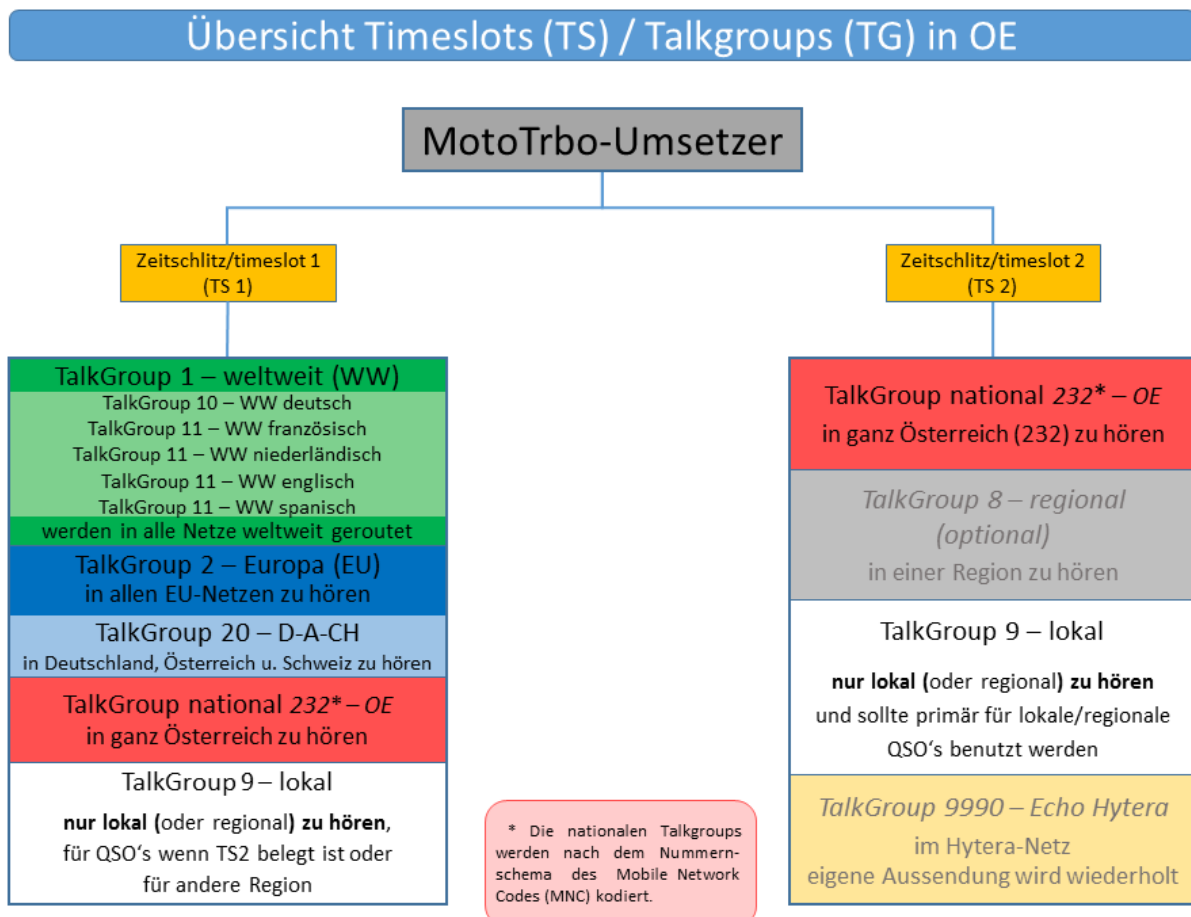
- TG 232 = für österreichweite Funkgespräche
- TG 8 = für regionale Funkgespräche
- TG 9 = für lokale bzw. regionale Funkgespräche

Für österreichweite und lokale Verbindungen sollte primär der Zeitschlitz 2 (TS 2) verwendet werden, da der Zeitschlitz 1 auch für internationale Verbindungen vorgesehen ist.

Weitere Details zu TS bzw. TG sind bei [Mototrbo-international](#) zu finden

## Sprechgruppen / Talkgroups in Österreich

Stand: 28. August 2014



## Sprechgruppen (TGs) in Österreich

Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzlerliste (siehe [Frequenzen-OE](#) mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe [Mototrbo-Programmierung](#)) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [\[1\]](#) entnommen werden kann.

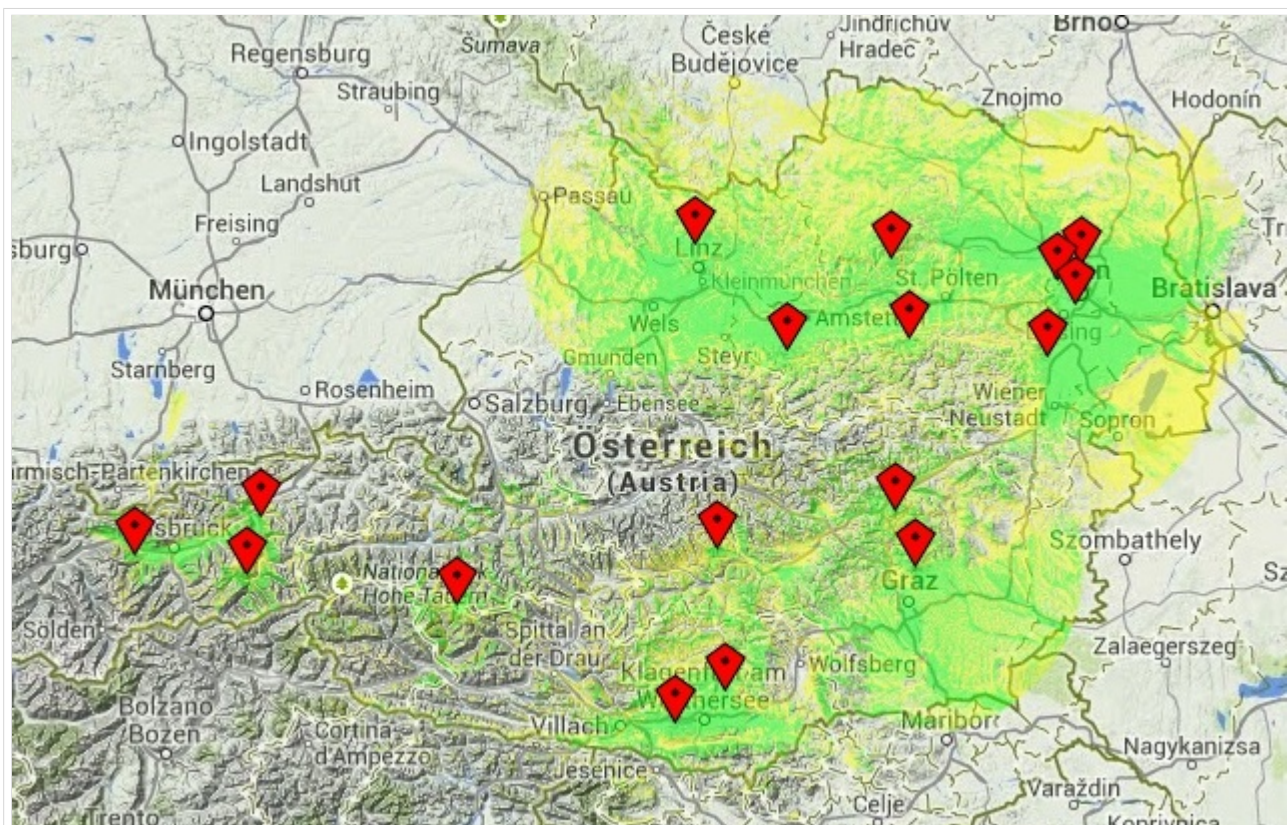
Sprechgruppe Talkgroup	Sprechgruppen- bezeichnung	Verbreitungsgebiet	Zeitschlitz Timeslot	Bemerkungen
TG 1	1 WELTWEIT WW	in alle weltweiten Netze	TS 1	für weltweite <b>Anrufe</b> und <b>KURZE</b> QSOs
TG 10	10 WW DEU	in alle weltweiten Netze	TS 1	für weltweite QSOs in deutsch
TG 11	11 WW FRA	in alle weltweiten Netze	TS 1	für weltweite QSOs in französisch (nicht auf allen OE-Umsetzern verfügbar!)
TG 12	12 WW NLD	in alle weltweiten Netze	TS 1	für weltweite QSOs in niederländisch (nicht auf allen OE-Umsetzern verfügbar!)
TG 13	13 WW ENG	in alle weltweiten Netze	TS 1	für weltweite QSOs in englisch (nicht auf allen OE-Umsetzern verfügbar!)
TG 14	14 WW SPA	in alle weltweiten Netze	TS 1	für weltweite QSOs in spanisch (nicht auf allen OE-Umsetzern verfügbar!)
TG 2	2 EUROPA	in alle europäische Netze	TS 1	für europaweite Anrufe und QSOs
TG 20	20 D-A-CH	Deutschland, Österreich & Schweiz	TS 1	für deutschsprachige Anrufe und QSOs
TG 232	232 ÖSTERREICH	alle österreichischen Regionalnetze	TS 1	für Anrufe und kurze nationale Gespräche in OE
TG 9	9 LOKAL	keine Weiterleitung, regionales Netz	TS 1	Lokalbetrieb, wenn TS2 besetzt ist, gilt für alle Regionalnetze
TG 232	232 ÖSTERREICH	alle österreichischen Regionalnetze	TS 2	für längere, österreichweite Gespräche
		regionales Netz (OE1)		

Sprechgruppe Talkgroup	Sprechgruppen- bezeichnung	Verbreitungsgebiet	Zeitschlitz Timeslot	Bemerkungen
TG 8	8 REGIONAL	& OE3)	TS 2	für regionale QSOs
TG 9	9 LOKAL	keine Weiterleitung, regionales Netz	TS 2	für längere, lokale QSOs, gilt für alle Regionalnetze
TG 9990	9990 ECHO	keine Weiterleitung	TS 2	Hytera Netz - eigene Ausendung wird wiederholt (Papagei)

## Österreichweite DMR-Abdeckung

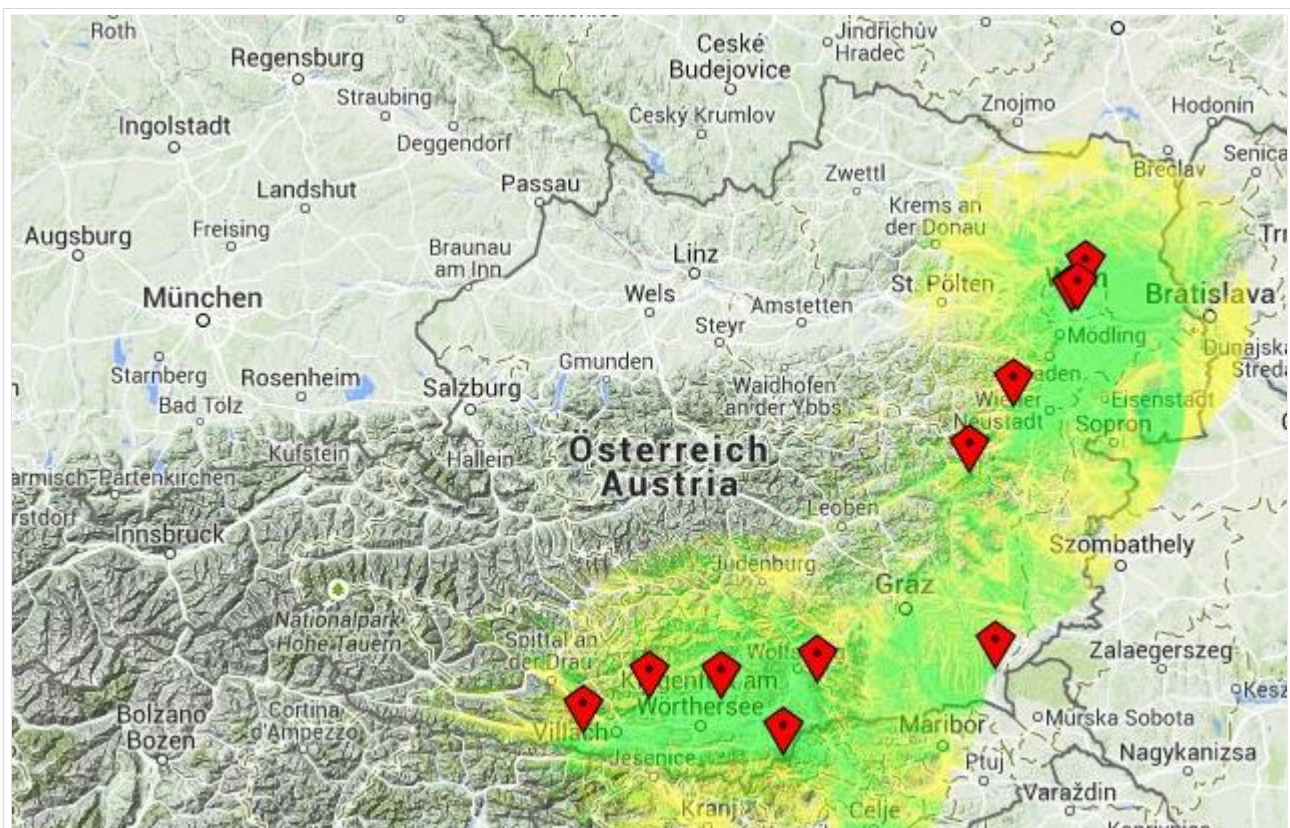
Detailliertere Informationen/Darstellungen zu den Abdeckungen der einzelnen Umsetzer und der DMR-Regionen (TG 8 & 9) in Österreich sind bei [Mototrbo-Umsetzer-Footprints](#) zu finden

### Motorola



Darstellung der Motorola DMR Abdeckung in Österreich auf TG232

## Hytera



Darstellung der Hytera DMR Abdeckung in Österreich auf TG232





# Mototrbo-national und Benutzer Diskussion:HB9EVT: Unterschied zwischen den Seiten

Visuell Wikitext

**Version vom 28. August 2014, 13:39 Uhr**  
**(Quelltext anzeigen)**  
 Oe6jwd (Diskussion | Beiträge)  
 (Neu: Umstellung auf Matrix-Darstellung  
 Motorola und Hytera)

**Aktuelle Version vom 22. April 2021, 03:17 Uhr**  
**(Quelltext anzeigen)**  
 HB9EVT (Diskussion | Beiträge)  
 (Intro-Text zu meiner Diskussionseite)  
**Markierung:** 2017-Quelltext-Bearbeitung

<p><b>Zeile 1:</b></p> <p>- <b>[[Kategorie:DMR]]</b></p> <p>- <b>== National: ==</b></p> <p>- <b>=== Allgemeine Info ===</b></p> <p></p> <p><b>Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.</b></p> <p><b>Für Funkgespräche innerhalb Österreichs sind drei TalkGroups definiert worden:</b></p> <p></p> <p><b>{ </b></p> <p>- <b> -</b></p> <p>- <b>  &amp;nbsp;■ TG 232    = für österreichweite Funkgespräche</b></p> <p>- <b> -</b></p> <p>- <b>  &amp;nbsp;■ TG 8    = für regionale Funkgespräche</b></p>	<p><b>+</b></p>	<p><b>Zeile 1:</b></p> <p><b>Hallo</b></p> <p></p> <p><b>Hast du eine Anregung zu einem Wiki-Artikel von mir oder zu einer von mir verfassten Ergänzung oder Korrektur eines bestehenden Wiki-Artikels, dann bitte hinterlass mir hier eine Nachricht oder kontaktier mich per eMail: &lt;rufzeichen&gt;@uska.ch</b></p> <p></p> <p><b>[[Benutzer:HB9EVT HB9EVT]] ([[Benutzer Diskussion:HB9EVT Diskussion]]) 03:17, 22. Apr. 2021 (CEST)</b></p>
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=== DMR Talkgroup-Matrix in Österreich ===

Welche Sprechgruppen (TG) sind auf welchem Umsetzer in Österreich verfügbar:

==== MOTOROLA-Umsetzer ====

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- | width="40" align="center" | 1-9<br />OE8

- | width="40" align="center" | 2-9<br />OE1

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`/Pielachtal`

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- == Grafische Darstellung der TG-
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- =====TG 9 / TS 1=====

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## Motrbo-national und Benutzer:HB9EVT: Unterschied zwischen den Seiten

VisuellWikitext

**Version vom 28. August 2014, 13:39 Uhr**  
(**Quelltext anzeigen**)

Oe6jwd ([Diskussion](#) | [Beiträge](#))

(Neu: Umstellung auf Matrix-Darstellung  
Motorola und Hytera)

**Aktuelle Version vom 7. Mai 2021, 19:25 Uhr**  
(**Quelltext anzeigen**)

HB9EVT ([Diskussion](#) | [Beiträge](#))

K (Link repariert)

Markierung: 2017-Quelltext-Bearbeitung

Zeile 1:	Zeile 1:
- <b>[[Kategorie:DMR]]</b>	+ <b>'''eMail: &lt;rufzeichen&gt;@uska.ch'''&lt;br /&gt;&lt;br /&gt;</b>
- <b>== National: ==</b>	
- <b>=== Allgemeine Info ===</b>	
- <b>Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = Time Slot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2</b>	+ <b>==Vorstellung von Pepe HB9EVT==</b>
- <b>Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.</b>	
- <b>Für Funkgespräche innerhalb Österreichs sind drei TalkGroups definiert worden:</b>	+ <b>wohnhaft im Berner Oberland (Schweiz)</b>
- <b>{ </b>	+ <b>[[Radio Scouting Radio Scout]] (zu deutsch: ein funkender Pfadfinder)</b>
- <b> -</b>	
- <b>  &amp;nbsp;■ TG 232    = für österreichweite Funkgespräche</b>	
- <b> -</b>	
- <b>  &amp;nbsp;■ TG 8    = für regionale Funkgespräche</b>	

-		<p>Besonderen Spass habe ich an DX-Sprachfunkverbindungen, die mit kleiner Leistung und schlichten Antennen zustande gekommen sind.</p>
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-		<p>Für österreichweite und lokale Verbindungen sollte primär der Zeitschlitz 2 (TS 2) verwendet werden, da der Zeitschlitz 1 auch für internationale Verbindungen vorgesehen ist.</p>
-		<p>Wenig begeistern können mich Betriebsarten, die nur aus Rapportaustausch bestehen und durch Rumklicken im <a href="https://de.wikipedia.org/wiki/GUI_GUI">[https://de.wikipedia.org/wiki/GUI GUI]</a> einer Software zustande kommen.</p>
-		<p>"Weitere Details zu TS bzw. TG sind bei <a href="#">[[Mototrbo-international]]</a> zu finden"</p>
		<p>Seit vielen Jahren bin ich ein regelmässiger und begeisterter Teilnehmer beim <a href="#">[[OTA-Aktivitäten#]OTA - Jamboree On The Air JOTA]]</a> (<a href="#">[[OTA-Aktivitäten#]OTA - Jamboree On The Air Jamboree on the air]]</a>), ein jährlich, weltweit stattfindender Pfadfinderanlass, bei dem u.a. mittels Amateurfunk weltweite Kontakte hergestellt werden.</p>
		<p>Mitglied bei:</p> <ul style="list-style-type: none"> <li>+ *Verband "Union Schweizerischer Kurzwellen-Amateure" (<a href="https://uska.ch">[https://uska.ch USKA]</a>)</li> <li>+ *HB9JAM - Fachgruppe (<a href="https://risc.pbs.ch/">https://risc.pbs.ch/</a> "Radio-" und <a href="https://pfadi.swiss/">https://pfadi.swiss/</a> "Internet-Scouting") des Verbands (<a href="https://pfadi.swiss/">https://pfadi.swiss/</a> "Pfadibewegung Schweiz")</li> <li>+ *HB9BIPI - Verein (<a href="http://scoutnet.swiss/">http://scoutnet.swiss/</a> "Scoutnet Schweiz")</li> </ul>



	<p>+ Sollte "'dir'" (oder mir) mal lanqweilig werden, dann wäre es sinnvoll, sich diesen veralteten Seiten mal anzunehmen:</p>
<p>- Welche Sprechgruppen (TG) sind auf welchem Umsetzer in Österreich verfügbar:</p>	<p>+ *Seite "[[QTH-Locator]]": Die Seite ist ein Plagiat (Abschrift) von Wikipedia. Sinnvoll wäre ein Artikel, der gezielter auf die Wissensbedürfnisse angehender oder frischgebackene OM eingeht.</p>
	<p>+ *Seite "[[Wiki Anleitung]]": Seit Umstellung des ÖVSV-Wiki im Jahr 2021 auf ein Bluespice-Wikiformat sind verschiedene Angaben nicht mehr korrekt.</p>
	<p>+ ==Von HB9EVT initiierte Beiträge in diesem Wiki==</p>
	<p>+ [[Bandplan]], [[HAREC]], [[IARU]], [[OTA-Aktivitäten]]</p>
<p>- ===== MOTOROLA-Umsetzer =====</p>	<p>+ ==Best Practice==</p>
	<p>+ Tipps, die in der Hilfe (noch) nicht nachlesbar sind:</p>
<p>{  class="wikitable" &lt;!-- generated with [[w:de:Wikipedia:Technik/Text/Basic/EXCEL-Tabellenumwandlung]] V2.0 --&gt;</p>	<p>+ =====Anzeige einer Seitenvorschau beim Bearbeiten=====</p>
<p>+ Bearbeitet man eine Seite und möchte vor dem Speichern sich die Seite als Vorschau anzeigen lassen (zur Kontrolle, ob alles so dargestellt wird, wie man sich das vorstellt), geht man wie folgt vor:</p>	

-	+ #Oben im Formatierungsbalken auf das Bleistift-Symbol klicken und von "Visuelle Bearbeitung" auf "Quellentextbearbeitung" umstellen. <code>&lt;br /&gt; ""→""</code> Die Darstellung der Seite ändert sich. Das kann bis zu einer Sekunde dauern. Sich dadurch nicht beirren lassen.
-	+ #Rechts daneben aufs blaue Feld "Änderungen speichern..." klicken. Im erscheinenden Pulldown-Menü gibt es unten ein Feld "Vorschau zeigen". Dort draufklicken. <code>&lt;br /&gt; ""→""</code> Die Vorschau wird angezeigt. Oben auf der Seite gibt es die zwei Felder "Bearbeitung fortsetzen" oder "Änderungen speichern".
-	+ #Falls du die Bearbeitung fortsetzen möchtest: Auf "Bearbeitung fortsetzen" klicken und dann beim Bleistift-Symbol wieder die Darstellung auf "Visuelle Bearbeitung" zurückstellen (vgl. 1).
-	+ #Falls du Speichern möchtest, trotzdem erst auf "Bearbeitung fortsetzen" klicken und dann erneut das blaue Feld "Änderungen speichern..." wählen, damit du dort im Feld "Zusammenfassung" noch deklarieren kannst, was du geändert hast und erst dann speichern.
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– `=== Grafische Darstellung der TG-Zusammenschaltungen je Zeitschlitz in Österreich ===`

– `====TG 9 / TS 1====`

– `[[Datei:Wiki-Karte-TS1-TG9-Region web 800x460.  
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- =====TG 9 / TS 2=====

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- =====TG 8 / TS 2=====

```
[[Datei:Wiki-Karte-TS2-TG8-Region  
web 800x460.  
jpg|left|700px|gerahmt|Bildliche  
- Darstellung der regionalen  
Abdeckung der TG8-  
Zusammenschaltung auf TS2]]
```

---

**Aktuelle Version vom 7. Mai 2021, 19:25 Uhr**

eMail: <rufzeichen>@uska.ch

<b>Inhaltsverzeichnis</b>	
1 Vorstellung von Pepe HB9EVT .....	132
2 Nützliche Links .....	132
3 Seiten, die dringend überarbeitet werden sollte .....	132
4 Von HB9EVT initiierte Beiträge in diesem Wiki .....	133
5 Best Practice .....	133
5.1 Anzeige einer Seitenvorschau beim Bearbeiten .....	133

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## Vorstellung von Pepe HB9EVT

---

wohnhaft im Berner Oberland (Schweiz)

**Radio Scout** (zu deutsch: ein funkender Pfadfinder)

Besonderen Spass habe ich an DX-Sprechfunkverbindungen, die mit kleiner Leistung und schlichten Antennen zustande gekommen sind.

Wenig begeistern können mich Betriebsarten, die nur aus Rapportaustausch bestehen und durch Runklicken im **GUI** einer Software zustande kommen.

Seit vielen Jahren bin ich ein regelmässiger und begeisterter Teilnehmer beim **JOTA (Jamboree on the air)**, ein jährlich, weltweit stattfindender Pfadfinderanlass, bei dem u.a. mittels Amateurfunk weltweite Kontakte hergestellt werden.

Mitglied bei:

- Verband "Union Schweizerischer Kurzwellen-Amateure" (**USKA**)
- HB9JAM - Fachgruppe "**Radio- und Internet-Scouting**" des Verbands "**Pfadibewegung Schweiz**"
- HB9BIPI - Verein "**Scoutnet Schweiz**"
- HB9NFB - Verein "**Notfunk Birs**"

---

## Nützliche Links

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- [Letzte Aktivitäten](#)
- [Hilfe:Hauptseite](#)
- [Spezial:Spezialseiten](#)
  - [Spezial:Neue Seiten](#)
  - [Spezial:Letzte Änderungen](#) (Darstellung gemäss Einstellungen im eigenen Benutzer-Profil)
  - [Spezial:Kategorien - Kategorie:Vorlagen](#)
  - [Spezial>Weiterleitungen](#)
  - [Spezial:Beliebteste Seiten](#) (zugleich eine Übersicht aller Artikel)
  - [Spezial:Verwaiste Seiten](#)
  - [Spezial:Aktive Benutzer](#)

---

## Seiten, die dringend überarbeitet werden sollte

---

Sollte **dir** (oder mir) mal langweilig werden, dann wäre es sinnvoll, sich diesen veralteten Seiten mal anzunehmen:

- Seite "**QTH-Locator**": Die Seite ist ein Plagiat (Abschrift) von Wikipedia. Sinnvoll wäre ein Artikel, der gezielter auf die Wissensbedürfnisse angehender oder frischgebackene OM eingeht.
- Seite "**Wiki Anleitung**": Seit Umstellung des ÖVSV-Wiki im Jahr 2021 auf ein Bluespice-Wikiformat sind verschiedene Angaben nicht mehr korrekt.

---

## Von HB9EVT initiierte Beiträge in diesem Wiki

---

[Bandplan](#), [HAREC](#), [IARU](#), [OTA-Aktivitäten](#)

### Best Practice

---

Tipps, die in der Hilfe (noch) nicht nachlesbar sind:

#### Anzeige einer Seitenvorschau beim Bearbeiten

Bearbeitet man eine Seite und möchte vor dem Speichern sich die Seite als Vorschau anzeigen lassen (zur Kontrolle, ob alles so dargestellt wird, wie man sich das vorstellt), geht man wie folgt vor:

1. Oben im Formatierungsbalken auf das Bleistift-Symbol klicken und von "Visuelle Bearbeitung" auf "Quellentextbearbeitung" umstellen.  
→ Die Darstellung der Seite ändert sich. Das kann bis zu einer Sekunde dauern. Sich dadurch nicht beirren lassen.
2. Rechts daneben aufs blaue Feld "Änderungen speichern..." klicken. Im erscheinenden Pulldown-Menü gibt es unten ein Feld "Vorschau zeigen". Dort draufklicken.  
→ Die Vorschau wird angezeigt. Oben auf der Seite gibt es die zwei Felder "Bearbeitung fortsetzen" oder "Änderungen speichern".
3. Falls du die Bearbeitung fortsetzen möchtest: Auf "Bearbeitung fortsetzen" klicken und dann beim Bleistift-Symbol wieder die Darstellung auf "Visuelle Bearbeitung" zurückstellen (vgl. 1).
4. Falls du Speichern möchtest, trotzdem erst auf "Bearbeitung fortsetzen" klicken und dann erneut das blaue Feld "Änderungen speichern..." wählen, damit du dort im Feld "Zusammenfassung" noch deklarieren kannst, was du geändert hast und erst dann speichern.

## Motrbo-national und Benutzer:Oe6jwd: Unterschied zwischen den Seiten

VisuellWikitext

**Version vom 28. August 2014, 13:39 Uhr**  
(**Quelltext anzeigen**)

Oe6jwd ([Diskussion](#) | [Beiträge](#))

(Neu: Umstellung auf Matrix-Darstellung  
Motorola und Hytera)

**Aktuelle Version vom 23. Januar 2022,**  
**19:44 Uhr (Quelltext anzeigen)**

Oe6jwd ([Diskussion](#) | [Beiträge](#))

(Aktualisierung)

Markierung: **Visuelle Bearbeitung**

<p>Zeile 1:</p> <p>– <b>[[Kategorie:DMR]]</b></p> <p>– <b>== National: ==</b></p> <p>– <b>=== Allgemeine Info ===</b></p> <p>–</p> <p>– <b>Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.</b></p> <p>– <b>Für Funkgespräche innerhalb Österreichs sind drei TalkGroups definiert worden:</b></p> <p>–</p> <p>– <b>{ </b></p> <p>– <b> -</b></p> <p>–</p> <p>– <b>  &amp;nbsp;■ TG 232    = für österreichweite Funkgespräche</b></p> <p>– <b> -</b></p> <p>– <b>  &amp;nbsp;■ TG 8    = für regionale Funkgespräche</b></p>	<p>Zeile 1:</p> <p>+ <b>[[Datei:oe6jwd.jpg 100px thumb left]]</b></p> <p>+ <b>OM: Klaus-Dieter Wolf &amp;nbsp;&amp;nbsp;&amp;nbsp;"vulgo&amp;nbsp;&amp;nbsp;&amp;nbsp;"KD""&lt;br&gt;</b></p> <p>+ <b>&lt;br&gt;</b></p> <p>+ <b>Lizenziert seit 1993&lt;br&gt;</b></p> <p>+ <b>ADL: [<a href="http://www.adl623.oevsv.at/opencms/623">http://www.adl623.oevsv.at/opencms/623</a> - Graz/Vulkanland]&lt;br&gt;</b></p> <p>+ <b>&lt;br&gt;</b></p> <p>+ <b>e-mail: "rufzeichen" @oevsv.at&lt;br&gt;</b></p> <p>+ <b>&lt;br&gt;</b></p> <p>+ <b>Interessen: D-Star, DMR, Tetra (IDs: 2326232, 2326233 &amp; 2326532), C4FM; KW&lt;br&gt;</b></p>
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- | &nbsp; ■ TG 9 ||= für lokale bzw. regionale Funkgespräche
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- **Für österreichweite und lokale Verbindungen sollte primär der Zeitschlitz 2 (TS 2) verwendet werden, da der Zeitschlitz 1 auch für internationale Verbindungen vorgesehen ist.**
- 
- "Weitere Details zu TS bzw. TG sind bei [[Mototrbo-international]] zu finden"
- 
- 
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- **==== Österreichweite DMR-Abdeckung ====**
- **[[Datei:Wiki-Karte-FlaecheOE web 800x460.jpg|left|gerahmt|Darstellung der DMR Abdeckung in Österreich auf TG232]]**
- **<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>**
- 
- **"Weitere Informationen /Darstellungen zu den Abdeckungen der einzelnen Umsetzer sind bei [[Mototrbo-Umsetzer-Footprints]] zu finden"**
-

=== DMR Talkgroup-Matrix in Österreich ===

Welche Sprechgruppen (TG) sind auf welchem Umsetzer in Österreich verfügbar:

==== MOTOROLA-Umsetzer ====

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- | width="40" align="center" | 2-9<br />OE3

- | width="40" align="center" | 2-9<br />OE6

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Darstellung der regionalen  
Abdeckung der TG9-  
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====TG 8 / TS 2====

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Abdeckung der TG8-  
Zusammenschaltung auf TS2]]

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## Aktuelle Version vom 23. Januar 2022, 19:44 Uhr

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Datei:oe6jwd.jpg

100px

OM: Klaus-Dieter Wolf **vulgo "KD"**

Lizenziert seit 1993

ADL: [623 - Graz/Vulkanland](#)

e-mail: *rufzeichen* @oevsv.at

Interessen: D-Star, DMR, Tetra (IDs: 2326232, 2326233 & 2326532), C4FM; KW

## Mototrbo-national: Unterschied zwischen den Versionen

[Versionsgeschichte interaktiv durchsuchen](#)

[Visuell Wikitext](#)

**Version vom 28. August 2014, 13:39 Uhr**  
**([Quelltext anzeigen](#))**

[Oe6jwd](#) ([Diskussion](#) | [Beiträge](#))

(Neu: Umstellung auf Matrix-Darstellung  
 Motorola und Hytera)

[← Zum vorherigen Versionsunterschied](#)

**Aktuelle Version vom 27. April 2021, 14:48 Uhr**  
**([Quelltext anzeigen](#))**

[HB9EVT](#) ([Diskussion](#) | [Beiträge](#))

Markierung: [Visuelle Bearbeitung](#)

(39 dazwischenliegende Versionen von 3 Benutzern werden nicht angezeigt)

<p><b>Zeile 1:</b></p> <p>- <b>[[Kategorie:DMR]]</b></p> <p>- <b>== National: ==</b></p> <p>- <b>=== Allgemeine Info ===</b></p> <p></p> <p>Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.</p>	<p><b>Zeile 1:</b></p> <p>+ <b>{{Länderspezifisch AT}}</b></p> <p>+ </p> <p>+ <b>==Allgemeine Info==</b></p> <p></p> <p>Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden.</p>
<p><b>Zeile 8:</b></p> <p>{ </p> <p> -</p> <p>-   &amp;nbsp;■ TG 232    = für österreichweite Funkgespräche</p> <p> -</p> <p>-   &amp;nbsp;■ TG 8   = für regionale Funkgespräche</p> <p></p> <p> -</p> <p>-   &amp;nbsp;■ TG 9   = für lokale bzw. regionale Funkgespräche</p>	<p><b>Zeile 8:</b></p> <p>{ </p> <p> -</p> <p>+  &amp;nbsp;■ TG 232  = für österreichweite Funkgespräche</p> <p> -</p> <p>+  &amp;nbsp;■ TG 8   = für regionale Funkgespräche</p> <p></p> <p> -</p> <p>+  &amp;nbsp;■ TG 9   = für lokale bzw. regionale Funkgespräche</p>

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Zeile 21:

Zeile 21:

+ ==Sprechgruppen / Talkgroups in Österreich==

+ <br>

+ Stand: 28. August 2014<br>

+ [[Datei:TG neu OEverson color.png|800x600px]]

- ===== Österreichweite DMR-Abdeckung =====

+ <br>

- [[Datei:Wiki-Karte-FlaecheOE web 800x460.jpg|left|gerahmt|Darstellung der DMR Abdeckung in Österreich auf TG232]]

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- "Weitere Informationen /Darstellungen zu den Abdeckungen der einzelnen Umsetzer sind bei [[Mototrbo-Umsetzer-Footprints]] zu finden"

+ ==Sprechgruppen (TGs) in Österreich==

- === DMR Talkgroup-Matrix in Österreich ===

- Welche Sprechgruppen (TG) sind auf welchem Umsetzer in Österreich verfügbar:

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- `|style="font-size:14pt" align="center"`  
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+ Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzerliste (siehe [[Frequenzen-OE]] mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe [[Mototrbo-Programmierung]]) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [[http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR Talkgroup-Matrix in C3.96sterreich](http://wiki.oevsv.at/index.php?title=Mototrbo-national#DMR_Talkgroup-Matrix_in_C3.96sterreich)] entnommen werden kann.<br><br>

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|Sprechgruppe <br /> Talkgroup!!  
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bezeichnung!! style="text-align:left;"  
|Verbreitungsgebiet!! style="text-align:center;" |Zeitschlitz <br />  
Timeslot!!Bemerkungen

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+ | style="text-align:center;" |TG 1||1  
WELTWEIT WW||in alle weltweiten  
Netze|| style="text-align:center;" |TS  
1||für weltweite "'Anrufe"' und  
<u>'KURZE''</u> QSOs

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+ | style="text-align:center;" |TG 10||10  
WW DEU||in alle weltweiten Netze||  
style="text-align:center;" |TS 1||für  
weltweite QSOs in deutsch

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+ | style="text-align:center;" |TG 11||11  
WW FRA||in alle weltweiten Netze||  
style="text-align:center;" |TS 1||für  
weltweite QSOs in französisch  
<small>(nicht auf allen OE-Umsetzern  
verfügbar!)</small>

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+ | style="text-align:center;" |TG 12||12  
WW NLD||in alle weltweiten Netze||  
style="text-align:center;" |TS 1||für  
weltweite QSOs in niederländisch  
<small>(nicht auf allen OE-Umsetzern  
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+ | style="text-align:center;" |TG 13||13  
WW ENG||in alle weltweiten Netze||  
style="text-align:center;" |TS 1||für  
weltweite QSOs in englisch <small>  
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+ | style="text-align:center;" |TG 14||14  
WW SPA||in alle weltweiten Netze||  
style="text-align:center;" |TS 1||für  
weltweite QSOs in spanisch <small>  
(nicht auf allen OE-Umsetzern  
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- + | style="text-align:center;" |TG 2||2  
EUROPA||in alle europäische Netze||  
style="text-align:center;" |TS 1||für  
europaweite Anrufe und QSOs
- + |- style="background-color:#9dc3e6"
- + | style="text-align:center;" |TG 20||20  
D-A-CH||Deutschland, Österreich &  
Schweiz|| style="text-align:center;"  
|TS 1||für deutschsprachige Anrufe  
und QSOs
- + |- style="background-color:#ff5050"
- + | style="text-align:center;" |TG  
232||232 ÖSTERREICH||alle  
österreichischen Regionalnetze||  
style="text-align:center;" |TS 1||für  
Anrufe und kurze nationale  
Gespräche in OE
- + |- style="background-color:#dedede"
- + | style="text-align:center;" |TG 9||9  
LOKAL||keine Weiterleitung,  
regionales Netz|| style="text-align:  
center;" |TS 1||Lokalbetrieb, wenn  
TS2 besetzt ist, gilt für alle  
Regionalnetze
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- + |- style="background-color:#ff5050"
- + | style="text-align:center;" |TG  
232||232 ÖSTERREICH||alle  
österreichischen Regionalnetze||  
style="text-align:center;" |TS  
"2"||für längere, österreichweite  
Gespräche
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- + | style="text-align:center;" |TG 8||8  
REGIONAL||regionales Netz (OE1 &  
OE3)|| style="text-align:center;" |TS  
"2"||für regionale QSOs
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## Allgemeine Info

Für DMR-Funkgespräche stehen pro Umsetzer zwei Zeitschlitz (TS = TimeSlot) zur Verfügung. Durch diese zwei Zeitschlitz ist es möglich 2 Funkgespräche unabhängig von einander am gleichen Umsetzer zuzuführen. Innerhalb der Zeitschlitz kann mit Hilfe von Sprechgruppen (TG = TalkGroups) die "Reichweite" des Funkgesprächs gesteuert werden. Für Funkgespräche innerhalb Österreichs sind drei TalkGroups definiert worden:

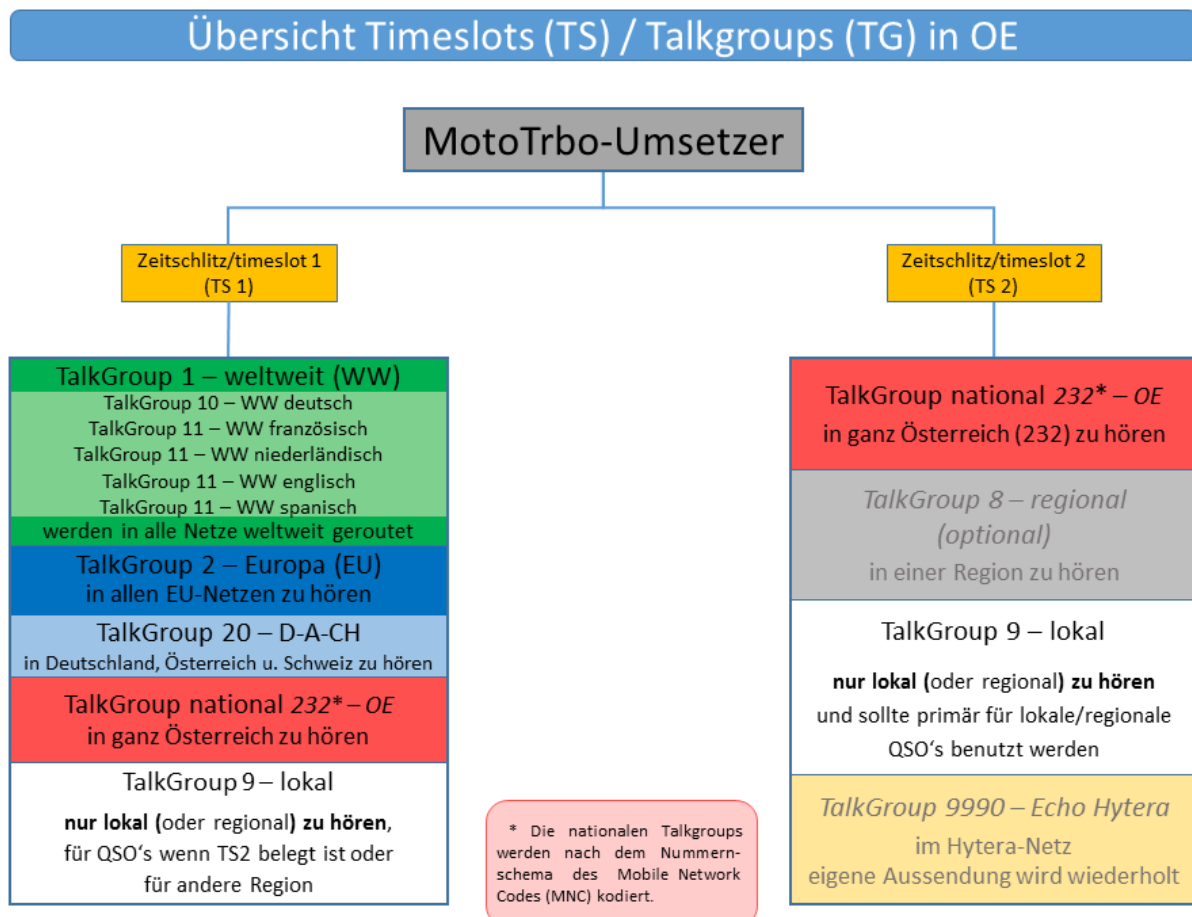
- TG 232 = für österreichweite Funkgespräche
- TG 8 = für regionale Funkgespräche
- TG 9 = für lokale bzw. regionale Funkgespräche

Für österreichweite und lokale Verbindungen sollte primär der Zeitschlitz 2 (TS 2) verwendet werden, da der Zeitschlitz 1 auch für internationale Verbindungen vorgesehen ist.

Weitere Details zu TS bzw. TG sind bei [Mototrbo-international](#) zu finden

## Sprechgruppen / Talkgroups in Österreich

Stand: 28. August 2014



## Sprechgruppen (TGs) in Österreich

Diese Sprechgruppen-Liste gilt in Österreich auf den Relais laut Umsetzlerliste (siehe [Frequenzen-OE](#) mit Standortkarte) und sollte somit in allen österreichischen Geräte-Codeplugs (siehe [Mototrbo-Programmierung](#)) abgebildet sein. Wobei die genaue Verbreitung der TG1x in OE aus der weiter unten stehenden Matrix [\[1\]](#) entnommen werden kann.

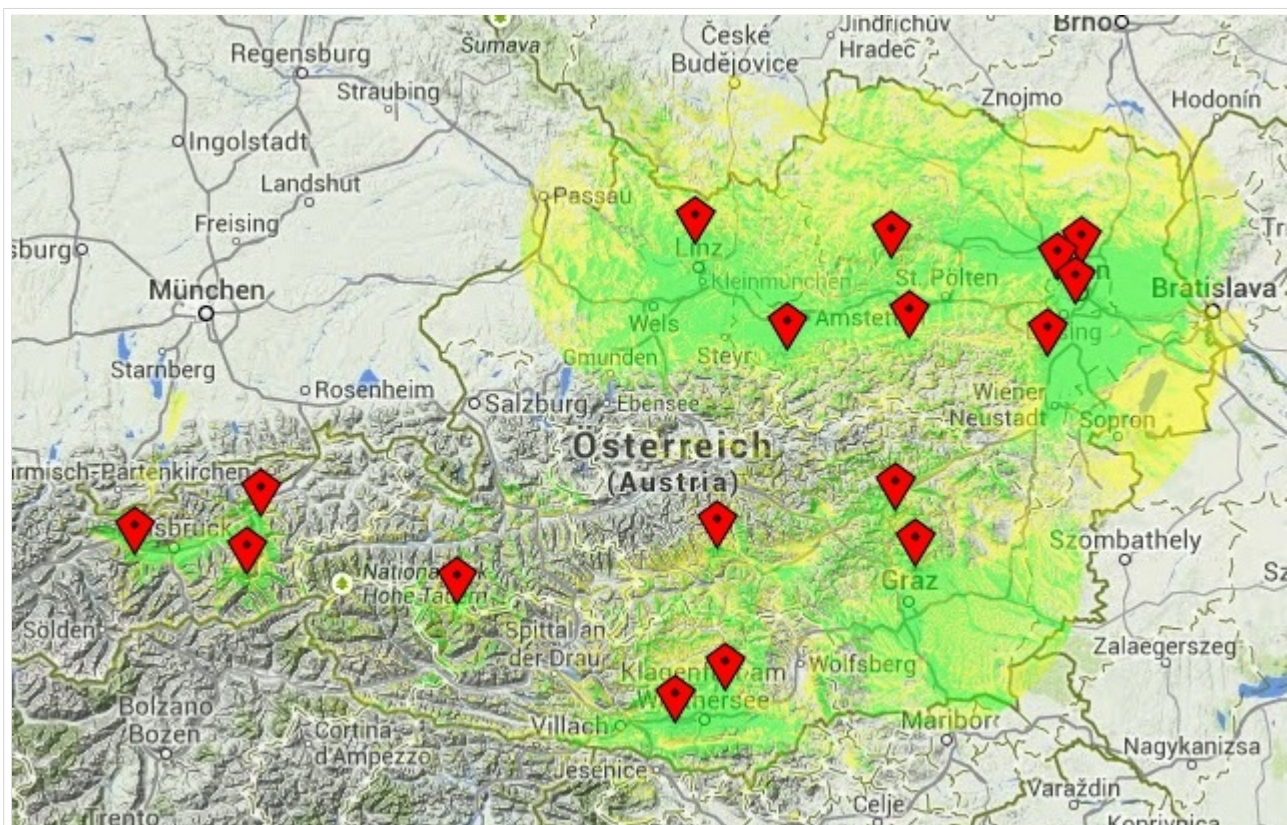
Sprechgruppe Talkgroup	Sprechgruppen- bezeichnung	Verbreitungsgebiet	Zeitschlitz Timeslot	Bemerkungen
TG 1	1 WELTWEIT WW	in alle weltweiten Netze	TS 1	für weltweite <b>Anrufe</b> und <b>KURZE</b> QSOs
TG 10	10 WW DEU	in alle weltweiten Netze	TS 1	für weltweite QSOs in deutsch
TG 11	11 WW FRA	in alle weltweiten Netze	TS 1	für weltweite QSOs in französisch (nicht auf allen OE-Umsetzern verfügbar!)
TG 12	12 WW NLD	in alle weltweiten Netze	TS 1	für weltweite QSOs in niederländisch (nicht auf allen OE-Umsetzern verfügbar!)
TG 13	13 WW ENG	in alle weltweiten Netze	TS 1	für weltweite QSOs in englisch (nicht auf allen OE-Umsetzern verfügbar!)
TG 14	14 WW SPA	in alle weltweiten Netze	TS 1	für weltweite QSOs in spanisch (nicht auf allen OE-Umsetzern verfügbar!)
TG 2	2 EUROPA	in alle europäische Netze	TS 1	für europaweite Anrufe und QSOs
TG 20	20 D-A-CH	Deutschland, Österreich & Schweiz	TS 1	für deutschsprachige Anrufe und QSOs
TG 232	232 ÖSTERREICH	alle österreichischen Regionalnetze	TS 1	für Anrufe und kurze nationale Gespräche in OE
TG 9	9 LOKAL	keine Weiterleitung, regionales Netz	TS 1	Lokalbetrieb, wenn TS2 besetzt ist, gilt für alle Regionalnetze
TG 232	232 ÖSTERREICH	alle österreichischen Regionalnetze	TS 2	für längere, österreichweite Gespräche
		regionales Netz (OE1)		

Sprechgruppe Talkgroup	Sprechgruppen- bezeichnung	Verbreitungsgebiet	Zeitschlitz Timeslot	Bemerkungen
TG 8	8 REGIONAL	& OE3)	TS 2	für regionale QSOs
TG 9	9 LOKAL	keine Weiterleitung, regionales Netz	TS 2	für längere, lokale QSOs, gilt für alle Regionalnetze
TG 9990	9990 ECHO	keine Weiterleitung	TS 2	Hytera Netz - eigene Ausendung wird wiederholt (Papagei)

## Österreichweite DMR-Abdeckung

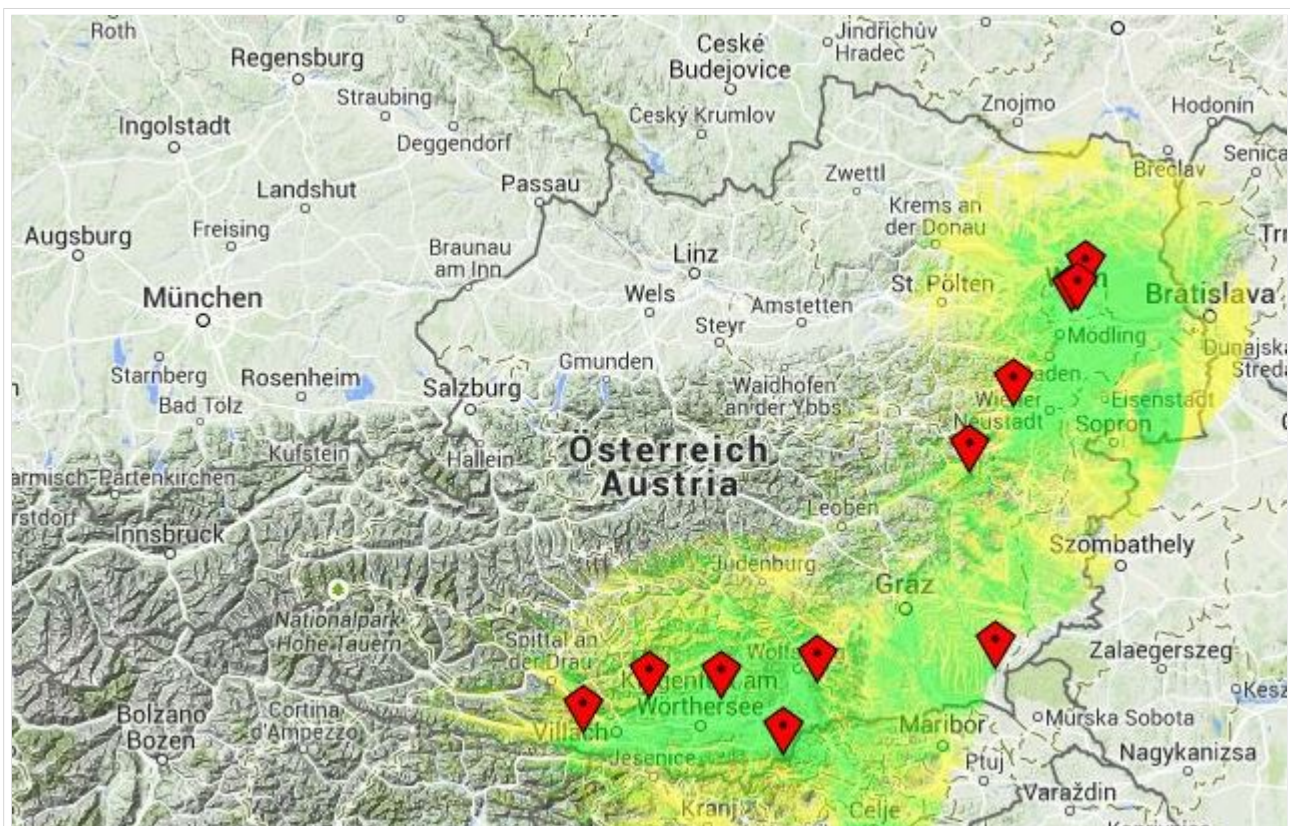
Detailliertere Informationen/Darstellungen zu den Abdeckungen der einzelnen Umsetzer und der DMR-Regionen (TG 8 & 9) in Österreich sind bei [Mototrbo-Umsetzer-Footprints](#) zu finden

### Motorola



Darstellung der Motorola DMR Abdeckung in Österreich auf TG232

## Hytera



Darstellung der Hytera DMR Abdeckung in Österreich auf TG232

